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(FILE 'HOME' ENTERED AT 10:49:35 ON 05 MAR 2003)
SET COST OFF

FILE 'REGISTRY' ENTERED AT 10:49:46 ON 05 MAR 2003

L1 13 S 67-56-1 OR 64-17-5 OR 71-23-8 OR 67-63-0 OR 62309-51-7 OR 352

FILE 'HCAPLUS' ENTERED AT 10:51:36 ON 05 MAR 2003

L2 266445 S L1
E ALCOHOL/CT
L3 6330 S E43,E45
L4 850 S E78,E80
L5 9904 S ALCOHOL#/CW (L) (ALIPH? OR C1 OR C2 OR C3 OR C4)
L6 404207 S METHANOL OR ETHANOL OR PROPANOL OR BUTANOL OR (METHYL OR ETHY
L7 1355 S ALCOHOL#/CW (L) LOWER
L8 662663 S MEOH OR ETOH OR PROH OR IPROH OR BUOH
L9 958839 S L2-L8

FILE 'REGISTRY' ENTERED AT 10:54:44 ON 05 MAR 2003

E CARBOMER/CN
L10 6 S E3-E8
L11 9 S E13-E18,E21,E22,E24
L12 10 S E25-E27,E29-E35
E CARBOMER
L13 8 S E3 NOT L10-L12
L14 25 S L10-L12

Jan Delaval
Reference Librarian
Biotechnology & Chemical Library
CM1 1E07 - 703-308-4498
jan.delaval@uspto.gov

FILE 'HCAPLUS' ENTERED AT 10:56:09 ON 05 MAR 2003

L15 2312 S L14
L16 941 S CARBOMER
L17 3403 S CARBOPOL
L18 146 S L15 NOT L16,L17
E THICKENER/CT
E E5+ALL
L19 30 S E1
E E2+ALL
L20 8352 S E3+NT
E E8+ALL
L21 12401 S L15-L20
L22 1561 S L9 AND L21
L23 18288 S L9 AND THICK?
L24 18894 S L22,L23
L25 1370 S L24 AND NEUTRAL?
E NEUTRALIZER/CT

FILE 'REGISTRY' ENTERED AT 10:58:28 ON 05 MAR 2003

E SODIUM HYDROXIDE/CN
L26 1 S E3
E POTASSIUM HYDROXIDE/CN
L27 1 S E3
E AMMONIUM HYDROXIDE/CN
L28 1 S E3
E MAGNESIUM HYDROXIDE/CN
L29 1 S E3

FILE 'HCAPLUS' ENTERED AT 10:59:51 ON 05 MAR 2003

L30 96246 S L26-L29
L31 535857 S NAOH OR KOH OR NH4OH OR MGOH2 OR (NA OR K OR NH4 OR MG OR SOD
L32 3252 S L24 AND L30,L31
L33 3894 S L25,L32
E COSMETICS/CT
L34 135 S E3-E61 AND L33

L35 E E3+ALL
 L36 203 S E2,E1+NT AND L33
 37 S (E26 OR E30+NT) AND L33
 E E30+ALL
 E E14+ALL
 L37 28 S E4+NT AND L33
 L38 26 S (E34+NT OR E35+NT) AND L33
 E E33+ALL
 L39 44 S E3+NT AND L33
 L40 242 S L33 AND (PHARMACEUT? OR PHARMACOL?)/SC, SX, CW
 E WOUND/CT
 L41 3 S (E3+NT OR E4-E5 OR E6+NT OR E7,E8 OR E9+NT OR E10,E11) AND L3
 L42 0 S E21+NT AND L33
 L43 411 S L34-L41
 L44 43 S L43 AND (SANITIS? OR SANITIZ? OR DISINFECT? OR ANTISEPT? OR A
 E ALI Y/AU
 L45 62 S E3-E10,E27-E29
 E BARNHART R/AU
 L46 1 S E20
 E CLINE M/AU
 L47 67 S E3-E11,E30
 L48 10 S L45-L47 AND L9
 L49 0 S L48 AND L15-L25,L30-L33
 L50 21 S L45-L47 AND (COSMETIC# OR PHARMACEUT?)/SC, SX, CW, BI
 L51 2 S L45-L47 AND SKIN
 L52 21 S L50,L51
 E GOJO/PA, CS
 L53 29 S E3-E20
 L54 4 S L53 AND L9
 SEL DN AN 1 2
 L55 2 S E1-E6
 L56 1 S L55 AND L15-L25,L30-L44
 L57 2 S L55,L56
 L58 1549 S (L9 OR ALCOHOL OR ISOPROPANOL) AND L15-L18
 L59 403 S L58 AND L30,L31
 L60 159 S L59 AND SKIN
 L61 284 S L59 AND COSMETIC#/SC, SX, CW, BI
 L62 262 S COSMETICS+NT/CT AND L59
 L63 67 S SKIN, DISEASE+NT/CT AND L59
 L64 49 S SKIN+NT/CT AND L59
 L65 316 S L60-L64
 L66 47 S L65 AND (DISINFECT? OR ANTISEPT? OR SANITIS? OR SANITIZ? OR A
 L67 7 S L59 AND WOUND?
 L68 32 S L65 AND (WASH? OR DETERGENT? OR SOAP? OR SHAMPOO?)
 L69 64 S L66,L68
 L70 57 S L69 NOT (TEETH? OR TOOTH? OR DENTIFRICE OR MOUTHWASH?)
 L71 57 S L70 AND L9,L15-L25,L30-L70
 L72 42 S L71 NOT HAIR
 L73 15 S L71 NOT L72

FILE 'REGISTRY' ENTERED AT 11:52:58 ON 05 MAR 2003

L74 6 S 74-79-3 OR 157-06-2 OR 7200-25-1 OR 52-90-4 OR 921-01-7 OR 33
 L75 1 S THIAMINE/CN
 L76 1 S 70-16-6
 L77 2094 S (74-79-3 OR 157-06-2 OR 7200-25-1 OR 52-90-4 OR 921-01-7 OR 3

FILE 'HCAPLUS' ENTERED AT 11:54:10 ON 05 MAR 2003

L78 69889 S L74-L76
 L79 18120 S L77
 L80 61 S L78,L79 AND L24
 L81 40 S L80 AND (COSMETIC# OR PHARMACEUT? OR PHARMACOL? OR SKIN OR WO
 L82 22 S L80 AND COSMETICS+NT/CT
 L83 40 S L81,L82

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L84      21 S L80 NOT L83
L85      95 S L83,L71-L73
L86      97 S L57,L85
L87      53 S L86 AND (DISINFECT? OR ANTISEPT? OR SANITIS? OR SANITIZ? OR A
L88      44 S L86 NOT L87
L89      3 S L87 AND HAIR/TI
L90      8 S L87 AND HAIR?/CT
          SEL DN AN 1 6 L90
L91      2 S L90 AND E7-E12
L92      44 S L88 NOT L89-L91
L93      12 S L92 AND HAIR?/TI
L94      32 S L92 NOT L93
L95      4 S L91,L57
L96      20 S L89,L90,L93
          SEL DN AN 1 5 20
L97      3 S L96 AND E13-E21
L98      6 S L95,L97

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=> fil hcaplus

FILE 'HCAPLUS' ENTERED AT 12:07:27 ON 05 MAR 2003

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FILE COVERS 1907 - 5 Mar 2003 VOL 138 ISS 10

FILE LAST UPDATED: 4 Mar 2003 (20030304/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d l98 all hitstr tot

L98 ANSWER 1 OF 6 HCAPLUS COPYRIGHT 2003 ACS

AN 2002:426625 HCAPLUS

DN 137:10728

TI Propellant-free cosmetic spray compositions

IN Kemmesies, Andrea; Dickhof, Susanne; Poepl, Marion

PA Henkel Kommanditgesellschaft Auf Aktien, Germany

SO Eur. Pat. Appl., 6 pp.

CODEN: EPXXDW

DT Patent

LA German

IC ICM A61K007-32

CC 62-4 (Essential Oils and Cosmetics)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1210932	A2	20020605	EP 2001-127790	20011122
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	DE 10059109	A1	20020606	DE 2000-10059109	20001128

PRAI DE 2000-10059109 A 20001128
 OS MARPAT 137:10728
 AB Propellant-free **cosmetic** spray compns. contain a liq., aq. alc. soln. of an active material, a C2-4 alc., a deodorant and a polymer **thickener**. The compns. are skin compatible. Thus, a formulation contained EtOH 40, tocopherol acetate 0.05, Sensiva SC-50 0.1, tri-Et citrate 3.0, Uvinul D50 0.01, Carbopol-2050 0.16, Eumulgin HRE40 0.5, perfume 1.2, and water - NaOH to 100%.

ST **cosmetic** spray propellant free
 IT **Alcohols**, biological studies
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (C2-4; propellant-free **cosmetic** spray compns.)

IT Carboxylic acids, biological studies
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (C2-6, esters with polyols; propellant-free **cosmetic** spray compns.)

IT Tocopherols
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (esters; propellant-free **cosmetic** spray compns.)

IT Castor oil
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (ethoxylated, Eumulgin HRE 40; propellant-free **cosmetic** spray compns.)

IT Carboxylic acids, biological studies
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (hydroxy, C2-6, esters with polyols; propellant-free **cosmetic** spray compns.)

IT Enzymes, biological studies
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (inhibitors; propellant-free **cosmetic** spray compns.)

IT **Antimicrobial agents**
 Antioxidants
 Deodorants
 Emulsifying agents
 Human
 Odor and Odorous substances
 Perfumes
Sunscreens
Thickening agents
 (propellant-free **cosmetic** spray compns.)

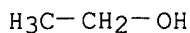
IT Glycols, biological studies
 Polymers, biological studies
 Tocopherols
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (propellant-free **cosmetic** spray compns.)

IT **Cosmetics**
Hair preparations
 (sprays; propellant-free **cosmetic** spray compns.)

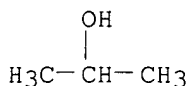
IT 58-95-7, Tocopherol acetate 64-17-5, Ethanol, biological studies 67-63-0, 2-Propanol, biological studies 79-06-1D, Acrylamide, polymers 79-10-7D, Acrylic acid, polymers 131-55-5, Uvinul D50 9003-01-4, PolyAcrylic acid 9003-05-8, PolyAcrylamide 40623-73-2, Acrylamide-2-acrylamido-2-methylpropanesulfonic acid copolymer 70445-33-9, Sensiva SC 50 148093-12-3, Sepigel 305 176429-87-1, Carbopol ETD 2020 204784-13-4, Carbopol 2050 433711-29-6, Polymer EX 518
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (propellant-free **cosmetic** spray compns.)

IT 64-17-5, Ethanol, biological studies 67-63-0, 2-Propanol, biological studies
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (propellant-free **cosmetic** spray compns.)

RN 64-17-5 HCAPLUS
CN Ethanol (9CI) (CA INDEX NAME)



RN 67-63-0 HCAPLUS
CN 2-Propanol (9CI) (CA INDEX NAME)



L98 ANSWER 2 OF 6 HCAPLUS COPYRIGHT 2003 ACS

AN 2001:933996 HCAPLUS

DN 136:58538

TI Opaque skin sanitizing compositions containing lower alcohols and moisturizing agents

IN Fendler, Eleanor J.; Dunkerton, Lois V.; Zirnis, Aija

PA Gojo Industries, Inc., USA

SO U.S., 6 pp.

CODEN: USXXAM

DT Patent

LA English

IC ICM A61K007-48

ICS A61K007-50

NCL 424401000

CC 62-4 (Essential Oils and Cosmetics)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6333039	B1	20011225	US 1998-160980	19980925
PRAI	US 1998-160980		19980925		

AB A skin sanitizing compn. includes an effective amt. of an alc. having 1 to 4 carbon atoms for providing sanitizing activity to the sanitizing compn. as well as an effective amt. of at least one moisturizing agent having opacifying properties for both making the sanitizing compn. uniformly opaque when mixed and reducing water loss from the skin. The compn. also includes an effective amt. of a polymeric **thickener** for providing a viscosity of from about 1000 to about 65,000 cps and water. Approx. 4 g of Ultrez-10 was added into about 329 g of water with rapid agitation and allowed to hydrate with agitation at ambient temp. for about 40 min. Then, 645 g of specially denatured alc. (190 proof) and about 2 g of pellets of glyceryl laurate was added, and the mixt. agitated for another approx. 40 min until all the pellets were dissolved. Coloring dyes were added until a peach color was obtained. Next, 4 g of the Finsolv TN was added along with 1.3 g of fragrance, 2.5 g of glycerin, 0.01 g of propylene glycol, 0.01 g of iso-Pr myristate, 0.001 g of tocopheryl acetate and vitamin A palmitate, 8 g of Dow Corning 1403 Fluid, and 7 g of the opacifier, and the mixt. was then agitated until uniform in opaqueness and consistency. The pH of the composite mixt. was adjusted to 7.2 by addn. of 1.27 g of aminomethylpropanol. The mixt. was gently agitated for another 10 min and then poured into suitable containers. The skin moisturizing capabilities of the prepd. sample was studied.

ST opaque skin sanitizer lower alc moisturizer

IT Cosmetics

(emollients; opaque skin sanitizing compns. contg. lower alcs. and moisturizing agents)

- IT Carboxylic acids, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(hydroxy; opaque skin sanitizing compns. contg. lower alcs. and moisturizing agents)
- IT **Alcohols**, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(**lower**; opaque skin sanitizing compns. contg. **lower** alcs. and moisturizing agents)
- IT Cosmetics
(moisturizers; opaque skin sanitizing compns. contg. lower alcs. and moisturizing agents)
- IT Aloe barbadensis
Antioxidants
Chelating agents
Dyes
Foaming agents
Lubricants
Perfumes
Preservatives
Sunscreens
Thickening agents
UV radiation
(opaque skin sanitizing compns. contg. lower alcs. and moisturizing agents)
- IT Castor oil
Esters, biological studies
Glycerides, biological studies
Paraffin oils
Polyoxyalkylenes, biological studies
Proteins
Tocopherols
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(opaque skin sanitizing compns. contg. lower alcs. and moisturizing agents)
- IT **Alcohols**, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(polyhydric; opaque skin sanitizing compns. contg. **lower** alcs. and moisturizing agents)
- IT Carboxylic acids, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(salts; opaque skin sanitizing compns. contg. lower alcs. and moisturizing agents)
- IT 9005-25-8, Starch, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(hydrolyzed; opaque skin sanitizing compns. contg. lower alcs. and moisturizing agents)
- IT 56-81-5, Glycerin, biological studies 57-13-6, Urea, biological studies
58-95-7, Tocopheryl acetate 64-17-5, **Ethanol**, biological studies 67-56-1, **Methanol**, biological studies 67-63-0, Isopropanol, biological studies 71-23-8, **Propanol**, biological studies 71-36-3, **Butanol**, biological studies 75-65-0, biological studies 78-83-1, Isobutanol, biological studies 79-06-1D, Acrylamide, polymers with sodium styrene derivs. 79-10-7D, Acrylic acid, polymers with sodium styrene 98-79-3, Pyrrolidone carboxylic acid, 111-02-4, Squalene 1321-74-0D, Divinyl benzene, polymers with acrylates and styrene 1715-79-3, Myristate, biological studies 9000-07-1, Carrageenan 9000-30-0, Guar gum 9000-69-5, Pectins 9002-88-4, Polyethylene 9002-89-5 9003-01-4, Polyacrylic acid 9003-05-8 9003-07-0, Polypropylene 9003-39-8, Polyvinyl pyrrolidone 9004-34-6, Cellulose, biological studies 9005-32-7, Alginic acid 9065-79-6 9065-79-6D, polymers with acrylates 11103-57-4, Vitamin A 11138-66-2, Xanthan gum 25322-68-3, Polyethylene glycol 31227-13-1 37318-95-9,

(Glyceryl laurate 74565-11-0, Finsolv TN 195739-91-4, Ultrez 10 205537-77-5, Dow Corning 1403 228090-88-8D, maleate copolymer derivs. RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses) (opaque skin sanitizing compns. contg. lower alcs. and moisturizing agents)

RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD

RE

- (1) Abad; US 5538740 1996
- (2) Anon; JP 08169809 1996 HCAPLUS
- (3) Anon; JP 08169809 1996 HCAPLUS
- (4) Anon; JP 08169809 CAPLUS 1996:537065 1996 HCAPLUS
- (5) Au; US 5389279 1995 HCAPLUS
- (6) Cabell; US 5908707 1999 HCAPLUS
- (7) Chang; US 5294438 1994 HCAPLUS
- (8) Gilbert; US 5246613 1993 HCAPLUS
- (9) Glenn; US 5716920 1998
- (10) Hoang; US 5629006 1997 HCAPLUS
- (11) Humphreys; US 5385685 1995
- (12) Langer; US 5243021 1993 HCAPLUS
- (13) Langer; US 5250652 1993 HCAPLUS
- (14) Langer; US 5698183 1997 HCAPLUS
- (15) Petchul; US 5508029 1996 HCAPLUS
- (16) Setser; US 5703026 1997 HCAPLUS
- (17) Smith; US 5658559 1997 HCAPLUS

IT 64-17-5, Ethanol, biological studies 67-56-1, Methanol, biological studies 67-63-0, Isopropanol, biological studies 71-23-8, Propanol, biological studies 71-36-3, Butanol, biological studies 75-65-0, biological studies 78-83-1, Isobutanol, biological studies

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses) (opaque skin sanitizing compns. contg. lower alcs. and moisturizing agents)

RN 64-17-5 HCAPLUS

CN Ethanol (9CI) (CA INDEX NAME)

$\text{H}_3\text{C}-\text{CH}_2-\text{OH}$

RN 67-56-1 HCAPLUS

CN Methanol (8CI, 9CI) (CA INDEX NAME)

$\text{H}_3\text{C}-\text{OH}$

RN 67-63-0 HCAPLUS

CN 2-Propanol (9CI) (CA INDEX NAME)

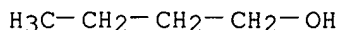
$$\begin{array}{c} \text{OH} \\ | \\ \text{H}_3\text{C}-\text{CH}-\text{CH}_3 \end{array}$$

RN 71-23-8 HCAPLUS

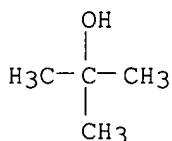
CN 1-Propanol (9CI) (CA INDEX NAME)

$\text{H}_3\text{C}-\text{CH}_2-\text{CH}_2-\text{OH}$

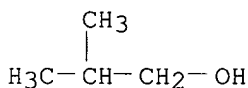
RN 71-36-3 HCAPLUS
CN 1-Butanol (9CI) (CA INDEX NAME)



RN 75-65-0 HCAPLUS
CN 2-Propanol, 2-methyl- (9CI) (CA INDEX NAME)



RN 78-83-1 HCAPLUS
CN 1-Propanol, 2-methyl- (9CI) (CA INDEX NAME)



L98 ANSWER 3 OF 6 HCAPLUS COPYRIGHT 2003 ACS
AN 2001:319697 HCAPLUS
DN 134:331369
TI Skin cleansing composition for removing ink
IN Viscovitz, John
PA Gojo Industries, Inc., USA
SO PCT Int. Appl., 22 pp.
CODEN: PIXXD2
DT Patent
LA English
IC ICM A61K007-48
ICS C11D007-26; C11D007-50
CC 62-4 (Essential Oils and Cosmetics)
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001030315	A1	20010503	WO 2000-US29736	20001027
	W:			AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM	
	RW:			GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG	
	US 6265363	B1	20010724	US 1999-428250	19991027
	BR 2000015127	A	20020709	BR 2000-15127	20001027
	EP 1225869	A1	20020731	EP 2000-983673	20001027
	R:			AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL	
PRAI	US 1999-428250	A	19991027		
	WO 2000-US29736	W	20001027		
AB	A skin cleansing compn. suitable for removing ink and other stains from the hands and arms of a user includes an effective amt. of a low mol. wt.				

alc. (C1-i2) and an effective amt. of a peroxide releasing agent, e.g., a percarbonate salt, preferably sodium percarbonate, such that together, the alc. and percarbonate salt provide a synergistic reaction that effectively removes ink from the skin of the user. Other additives such as fillers, abrasives, and detergents may be employed to provide further cleansing action.

ST skin cleansing compn ink removal

IT Polyurethanes, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(abrasives; skin cleansing compn. for removing ink)

IT Cosmetics

(cleansing; skin cleansing compn. for removing ink)

IT Alcohols, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(fatty, alkoxyated; skin cleansing compn. for removing ink)

IT Chelating agents

Detergents

Inks

Sequestering agents

Surfactants

(skin cleansing compn. for removing ink)

IT Alcohols, biological studies

Clays, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(skin cleansing compn. for removing ink)

IT 14915-07-2, Peroxide

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(-releasing agents; skin cleansing compn. for removing ink)

IT 7631-86-9, Silica, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(abrasive; skin cleansing compn. for removing ink)

IT 64-17-5, Ethanol, biological studies 67-63-0, Isopropanol, biological studies 15630-89-4, Sodium percarbonate 36411-33-3 80759-07-5, Carbonoperoxoic acid, calcium salt

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(skin cleansing compn. for removing ink)

IT 50-21-5, Lactic acid, biological studies 64-19-7, Acetic acid, biological studies 77-92-9, Citric acid, biological studies 79-14-1, Glycolic acid, biological studies 526-95-4, Gluconic acid 9004-64-2, Hydroxypropyl cellulose

RL: BUU (Biological use, unclassified); MOA (Modifier or additive use); BIOL (Biological study); USES (Uses)

(skin cleansing compn. for removing ink)

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD

RE

(1) Bansemir, K; US 4900721 A 1990 HCAPLUS

(2) Casco Nobel France; FR 2683541 A 1993 HCAPLUS

(3) Kaneko, S; JP 54104934 A 1979 HCAPLUS

(4) Varner, T; US 5522580 A 1996 HCAPLUS

L98 ANSWER 4 OF 6 HCAPLUS COPYRIGHT 2003 ACS

AN 2001:31299 HCAPLUS

DN 134:105631

TI **Cleansing** compositions containing esters and silicones

IN Lukenbach, Elvin R.; Kaminski, Claudia; Pascal-Suisse, Sandrine; Tahar, Maurice

PA Johnson and Johnson Consumer Companies, Inc., USA

SO PCT Int. Appl., 70 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 IC ICM A61K007-48
 ICS A61K007-50; A61K007-02
 CC 62-4 (Essential Oils and **Cosmetics**)
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001001949	A1	20010111	WO 2000-US17431	20000623
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	US 2002035046	A1	20020321	US 2000-745270	20001221
PRAI	US 1999-141927P	P	19990701		
	WO 2000-US17431	W	20000623		
	US 2000-604563	A2	20000627		
AB	Cleansing compns. suitable for use in personal cleansing applications, and in particular make-up removal applications, which not only impart superior cleansing properties, but also which are relatively non-irritating and thus suitable for use by people having sensitive skin and eyes, comprise esters, liq. silicones, and a water dispersible components. Also disclosed are compns. for effectively depositing various benefit agents into and onto the skin . Thus, a compn. contained Arlacel P-135 1.1, Wickenol 3.0, Hallstar AB 3.0, Dow 344 Fluid 3.0, Retinol-50C 0.69, Carbopol Ultrez, Trivasol BW 1.0, methylparaben 0.20, propylparaben 0.10, Pelemol TIPC 1.0, NaOH 0.190, and water 86.320% by wt.				
ST	cosmetic cleansing silicone ester				
IT	Glycerides, biological studies				
	RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) (C8-10, ethoxylated, Trivasol BW; cleansing compns. contg. esters and silicones)				
IT	Skin, disease				
	(aging, wrinkles, inhibitors; cleansing compns. contg. esters and silicones)				
IT	Surfactants				
	(amphoteric; cleansing compns. contg. esters and silicones)				
IT	Surfactants				
	(anionic; cleansing compns. contg. esters and silicones)				
IT	Carboxylic acids, biological studies				
	RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) (arom., esters; cleansing compns. contg. esters and silicones)				
IT	Surfactants				
	(cationic; cleansing compns. contg. esters and silicones)				
IT	Aging, animal				
	Allergy inhibitors				
	Analgesics				
	Anti-infective agents				
	Anti-inflammatory agents				
	Antibacterial agents				
	Antibiotics				
	Antiemetics				

Antihistamines

Antimicrobial agents

Antioxidants

Antiperspirants

Antitussives

Centella asiatica

Chelating agents

Cholinergic antagonists

Chrysanthemum parthenium

Deodorants

Fungicides

Humectants

Insecticides

Oatmeal

Perfumes

Pigments, nonbiological

Shampoos

Shaving preparations

Soybean (Glycine max)

Sunscreens

Suntanning agents

Thickening agents

Vasoconstrictors

Vasodilators

Wound healing promoters

(cleansing compns. contg. esters and silicones)

IT Amino acids, biological studies

Esters, biological studies

Flavonoids

Glycerides, biological studies

Keratins

Peptides, biological studies

Polymers, biological studies

Polyoxyalkylenes, biological studies

Polysiloxanes, biological studies

Proteins, general, biological studies

Retinoids

Vitamins

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)

(cleansing compns. contg. esters and silicones)

IT **Cosmetics**

(cleansing; cleansing compns. contg. esters and
silicones)

IT Amides, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)

(coco, N-(hydroxyethyl), Comperlan; cleansing compns. contg.
esters and silicones)

IT Amides, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)

(coco, N-[3-(dimethylamino)propyl], N-oxides; cleansing
compns. contg. esters and silicones)

IT **Cosmetics**

Hair preparations

(conditioners; cleansing compns. contg. esters and
silicones)

IT **Cosmetics**

(creams; cleansing compns. contg. esters and
silicones)

IT **Skin, disease**

(depigmentation, agents for; cleansing compns.)

contg. esters and silicones)

IT **Cosmetics**
(depilatories; **cleansing** compns. contg. esters and silicones)

IT Polyoxyalkylenes, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(di-Me, Me hydrogen polysiloxane-; **cleansing** compns. contg. esters and silicones)

IT Polysiloxanes, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(di-Me, Me hydrogen, polyoxyalkylene-; **cleansing** compns. contg. esters and silicones)

IT Cyclosiloxanes
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(di-Me; **cleansing** compns. contg. esters and silicones)

IT **Cosmetics**
(emollients; **cleansing** compns. contg. esters and silicones)

IT **Cosmetics**
(emulsions; **cleansing** compns. contg. esters and silicones)

IT Collagens, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(enhancers; **cleansing** compns. contg. esters and silicones)

IT Fatty acids, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(esters, ethoxylated; **cleansing** compns. contg. esters and silicones)

IT **Bath preparations**
Cosmetics
(gels; **cleansing** compns. contg. esters and silicones)

IT **Hair preparations**
(growth inhibitors; **cleansing** compns. contg. esters and silicones)

IT **Hair preparations**
(growth stimulants; **cleansing** compns. contg. esters and silicones)

IT Vein
(hemorrhoid, inhibitors; **cleansing** compns. contg. esters and silicones)

IT Castor oil
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(hydrogenated, ethoxylated; **cleansing** compns. contg. esters and silicones)

IT Carboxylic acids, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(hydroxy; **cleansing** compns. contg. esters and silicones)

IT **Acne**
Alopecia
Burn
Edema
Poison ivy
Poison oak
Pruritus
(inhibitors; **cleansing** compns. contg. esters and silicones)

IT Olive
(leaf; **cleansing** compns. contg. esters and silicones)

IT Cosmetics
(lipsticks; **cleansing** compns. contg. esters and silicones)

IT Anesthetics
(local; **cleansing** compns. contg. esters and silicones)

IT Cosmetics
(lotions; **cleansing** compns. contg. esters and silicones)

IT Cosmetics
(makeup removers; **cleansing** compns. contg. esters and silicones)

IT Cosmetics
(makeups; **cleansing** compns. contg. esters and silicones)

IT Cosmetics
(mascaras; **cleansing** compns. contg. esters and silicones)

IT Cosmetics
Hair preparations
(moisturizers; **cleansing** compns. contg. esters and silicones)

IT Cosmetics
(mousses; **cleansing** compns. contg. esters and silicones)

IT Emulsifying agents
Surfactants
(nonionic; **cleansing** compns. contg. esters and silicones)

IT Fats and Glyceridic oils, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(oat; **cleansing** compns. contg. esters and silicones)

IT Alcohols, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(polyhydric, ethoxylated, esters; **cleansing** compns. contg. esters and silicones)

IT Alcohols, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(polyhydric, propoxylated, esters; **cleansing** compns. contg. esters and silicones)

IT Skin, disease
(rash, inhibitors; **cleansing** compns. contg. esters and silicones)

IT Protein hydrolyzates
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(silk; **cleansing** compns. contg. esters and silicones)

IT Cosmetics
(skin-lightening; **cleansing** compns. contg. esters and silicones)

IT Shale oils
(sulfonated; **cleansing** compns. contg. esters and silicones)

IT Amides, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(tallow, ethoxylated; **cleansing** compns. contg. esters and silicones)

IT Amides, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(tallow, hydrogenated, N,N-bis(hydroxyethyl), ethoxylated, Schercomid HT 60; **cleansing** compns. contg. esters and silicones)

IT Protein hydrolyzates

Proteins, general, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(wheat; **cleansing** compns. contg. esters and silicones)

IT 50-23-7, Hydrocortisone 50-81-7, Vitamin C, biological studies
56-87-1, Lysine, biological studies 57-50-1D, Sucrose, esters 57-55-6, Propylene glycol, biological studies 59-02-9, .alpha.-Tocopherol 65-85-0D, Benzoic acid, C5-22 alkyl esters, biological studies 68-26-8, Retinol 69-72-7, Salicylic acid, biological studies **74-79-3**, Arginine, biological studies 81-13-0, Panthenol 83-88-5, Riboflavin, biological studies 94-36-0, Benzoyl peroxide, biological studies 107-41-5, Hexylene glycol 107-50-6 108-01-0, DMAE 110-15-6D, Succinic acid, C5-22 alkyl esters 110-16-7D, Maleic acid, C5-22 alkyl esters 110-40-7, Diethyl sebacate 111-20-6D, Sebacic acid, C5-22 alkyl esters 111-76-2, Ethylene glycol monobutyl ether 111-90-0 114-07-8, Erythromycin 123-31-9, Hydroquinone, biological studies 123-95-5, Butyl stearate 124-04-9D, Adipic acid, C5-22 alkyl esters 131-57-7, Oxybenzone 302-79-4, Tretinoin 378-44-9, Betamethasone 501-30-4, Kojic acid 502-65-8, Lycopene 538-23-8, Trioctanoin 540-97-6 541-02-6 556-67-2, Dow Corning 344 637-58-1, Pramoxine hydrochloride 1314-13-2, Zinc oxide (ZnO), biological studies 1406-16-2, Vitamin D 1406-18-4, Vitamin E 1490-04-6, Menthol 2432-87-3, Dioctyl sebacate 2915-53-9, Dioctyl maleate 3008-50-2, Pentaerythritol tetraoctanoate 4759-48-2, IsoTretinoin 4826-87-3, Trimethylolpropane trioctanoate 5306-85-4, Dimethyl isosorbide 5466-77-3, Octyl p-methoxycinnamate 6938-94-9, Diisopropyl adipate 7446-34-6, Selenium sulfide 7704-34-9, Sulfur, biological studies 9002-92-0, Laureth 9004-62-0D, Hydroxyethyl cellulose, derivs. 9004-98-2, Oleth 9006-65-9, Dimethicone 10401-55-5, Cetyl ricinoleate 11103-57-4, Vitamin A 12001-79-5, Vitamin K 13463-41-7, Zinc pyrithione 13463-67-7, Titanium oxide, biological studies 14450-05-6, Pentaerythritol tetrapelargonate 14491-66-8, Dioctyl succinate 24938-91-8, Trideceth 25191-16-6D, D-Glucose homopolymer, C10-16-alkyl glycosides 25322-68-3, Polyethylene glycol 25496-72-4, Glyceryl oleate 26266-58-0, Sorbitan trioleate 29710-31-4, Cetyl octanoate 31692-79-2, Dimethiconol 37259-58-8, Serine protease 37318-31-3, Sucrose stearate 38304-91-5, Minoxidil 51145-31-4, Tricetylammonium chloride 52673-60-6 56451-84-4, Sorbitan stearate 56539-66-3, 3-Methoxy-3-methyl-1-**butanol** 59219-71-5, Wickenol 151 62479-36-1, Diisostearyl adipate 65277-42-1, Ketoconazole 67914-69-6, Elubiol 69364-63-2, Isoceteth 20 72576-80-8, Isostearyl palmitate 74592-76-0, Triisopropyl citrate 81859-24-7, Polyquaternium 10 86601-86-7, Eicosyl erucate 88103-59-7, 2-Octyldodecyl erucate 94089-18-6, Panthenol triacetate 98319-26-7, Finasteride 105859-93-6, Tridecyl neopentanoate 106392-12-5, Poloxamer 117753-68-1, Arlacel P-135 145314-10-9 145686-34-6, Abil EM 90 163883-40-7, 2-Hexyldecyl benzoate 188038-97-3, 2-Butyloctyl benzoate 190085-41-7 195739-91-4, **Carbopol** Ultrez 10 221048-36-8, Tridecyl erucate 243836-19-3, Crothix Liquid 318947-91-0 318947-92-1 318947-93-2 319428-19-8, Plantaren 1200N 319432-14-9, HALLStar AB
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(**cleansing** compns. contg. esters and silicones)

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD

RE

(1) Eicken Ulrich; WO 9835652 A 1998 HCAPLUS

(2) Simon, P; US 5888951 A 1999 HCAPLUS

(3) Unilever Plc; WO 9505145 A 1995 HCAPLUS

(4) Unilever Plc; WO 9505160 A 1995 HCAPLUS

IT **74-79-3**, Arginine, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES

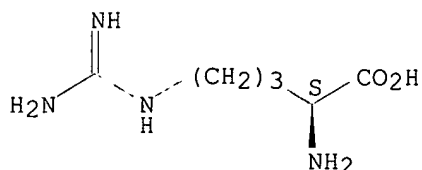
(Uses)

(cleansing compns. contg. esters and silicones)

RN 74-79-3 HCAPLUS

CN L-Arginine (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L98 ANSWER 5 OF 6 HCAPLUS COPYRIGHT 2003 ACS

AN 1993:131748 HCAPLUS

DN 118:131748

TI High alcohol content aerosol antimicrobial mousse

IN Lins, Claudio L. K.

PA Johnson, S. C., and Son, USA

SO U.S., 12 pp.

CODEN: USXXAM

DT Patent

LA English

IC ICM A61K009-14

NCL 424047000

CC 62-3 (Essential Oils and Cosmetics)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5167950	A	19921201	US 1991-676917	19910328
PRAI	US 1991-676917		19910328		
AB	The title compn. which is dispensed as a foam for use as an antiseptic comprises (1) an intermediate conc. 85-98% and (2) a hydrocarbon propellant 2-15%. The intermediate conc. comprises EtOH or isoPrOH 52-75; a water-dispersible polymeric gelling agent 0.1-1.5; and an amphiphilic system consisting of (a) .gtoreq.1 C16-22 alc. , (b) .gtoreq.1 nonionic surfactant; where the hydrophilic balance (HLB) of a and b is 4.5-8.0 and the balance being .gtoreq.20% of water. The hydrocarbon propellant is a satd. aliph. C2-6 hydrocarbon. An aerosol mousse contained S.D. alc. 40-A 60.00, Carbomer -951 0.20, water 34.50, 85% triethanolamine 0.20, Ritapro-300 (cetearyl alc. and ceteareth-20 surfactant) 5.00, fragrance 0.10 %.				
ST	antimicrobial aerosol mousse high alc				
IT	Stabilizing agents (amphiphilic nonionic, antimicrobial aerosol mousse contg., with high alc. content and)				
IT	Anti-infective agents Humectants Amines, biological studies RL: BIOL (Biological study) (antimicrobial aerosol mousse contg. high alc. content and)				
IT	Alcohols , biological studies RL: BIOL (Biological study) (antimicrobial aerosol mousse contg. high content of)				
IT	Insect repellents Sunscreens (antimicrobial aerosol mousse with high alc. content for)				
IT	Hair preparations				

- (antimicrobial, with high alc. content)
- IT Acne
(treatment of, antimicrobial aerosol mousse contg. high alc. content for)
- IT Gelation
(agents, antimicrobial aerosol mousse contg., with high alc. content and)
- IT Glycerides, compounds
RL: BIOL (Biological study)
(mono-, esters, with lactic acid, antimicrobial aerosol mousse contg. high alc. content and)
- IT Anesthetics
(topical, antimicrobial aerosol mousse contg. high alc. content and)
- IT 50-21-5D, esters with monoglycerides 56-81-5, 1,2,3-Propanetriol, biological studies 57-13-6, Urea, biological studies 57-55-6, 1,2-Propanediol, biological studies 69-72-7, Salicylic acid, biological studies 102-71-6, Triethanolamine, biological studies 143-28-2, Oleyl alcohol 540-11-4, Ricinoleyl alcohol 629-98-1, Erucyl alcohol 661-19-8, Behenyl alcohol 1310-73-2, Sodium hydroxide, biological studies 1323-39-3, Propylene glycol monostearate 1336-21-6, Ammonium hydroxide 9005-00-9, Brij 721 18200-72-1 18472-51-0, Chlorhexidine gluconate 18748-98-6 31566-31-1, Glycerin monostearate 36653-82-4, Cetyl alcohol 52296-98-7, Octadecanediol 129711-64-4, Lactodan P22 134499-36-8, Carbomer 951
RL: BIOL (Biological study)
(antimicrobial aerosol mousse contg. high alc. content and)
- IT 64-17-5, Ethanol, biological studies 67-63-0, 2-Propanol, biological studies
RL: BIOL (Biological study)
(antimicrobial aerosol mousse contg. high content of)
- IT 57-50-1D, Sucrose, polyallyl ethers, polymers with acrylic acid 79-10-7D, 2-Propenoic acid, polymers with sucrose polyallyl ethers
RL: BIOL (Biological study)
(gelling agent, antimicrobial aerosol mousse contg. high alc. content and)
- IT 1310-73-2, Sodium hydroxide, biological studies 1336-21-6, Ammonium hydroxide 134499-36-8, Carbomer 951
RL: BIOL (Biological study)
(antimicrobial aerosol mousse contg. high alc. content and)
- RN 1310-73-2 HCAPLUS
- CN Sodium hydroxide (Na(OH)) (9CI) (CA INDEX NAME)

Na-OH

RN 1336-21-6 HCAPLUS

CN Ammonium hydroxide ((NH4)(OH)) (9CI) (CA INDEX NAME)

H₄N⁺-OH

RN 134499-36-8 HQAPLUS

CN Carbomer 951 (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

IT 64-17-5, Ethanol, biological studies 67-63-0,
 2-Propanol, biological studies
 RL: BIOL (Biological study)
 (antimicrobial aerosol mousse contg. high content of)
 RN 64-17-5 HCAPLUS
 CN Ethanol (9CI) (CA INDEX NAME)

H₃C-CH₂-OH

RN 67-63-0 HCAPLUS
 CN 2-Propanol (9CI) (CA INDEX NAME)

OH
 |
 H₃C-CH-CH₃

L98 ANSWER 6 OF 6 HCAPLUS COPYRIGHT 2003 ACS

AN 1982:148979 HCAPLUS

DN 96:148979

TI Hair-coloring agent in cream form

IN Marcus, Friedrich Karl

PA Fed. Rep. Ger.

SO Ger. Offen., 15 pp.

CODEN: GWXXBX

DT Patent

LA German

IC A61K007-13

CC 62-3 (Essential Oils and Cosmetics)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 3030119	A1	19820225	DE 1980-3030119	19800808
	DE 3030119	C2	19871119		
PRAI	DE 1980-3030119		19800808		

AB Acidic or neutral creams contain dispersion hair dyes and a C10-30 fatty alc. and (or) ester emulsion modified with a silicone oil and (or) wax. The fatty acid ester is glyceryl stearate/palmitate with 90% monoesters. An addnl. **thickener** is a cellulose ether, and a dispersing agent consists of activated silica or a condensation product of H₂CO and naphthalenesulfonic acid. Dye absorption is increased by the addn. of a vinylpyrrolidinone polymer or copolymer. The creams also contain a S-contg. compd. Thus, a hair dye cream contains: glyceryl monostearate [31566-31-1] 10, silicone oil or wax 7, polyoxyethylene stearate 4, Me hydroxyethyl cellulose [9032-42-2] 1, activated silica 1, L-cysteine [52-90-4], K EDTA 0.2, PVP [9003-39-8] 0.5, lactic acid 0.01, dispersion dye 2, lactylated glyceryl monostearate 1, iso-PrOH 4, and H₂O to 100 parts. The pH is 3.0.

ST cream hair dye emulsion

IT Dispersing agents

Thickening agents

(for hair dye emulsions)

IT Siloxanes and Silicones, biological studies

RL: BIOL (Biological study)

(hair dye emulsions contg.)

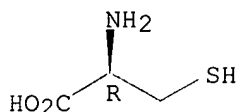
IT **Hair preparations**

(dyes, emulsions contg.)

IT 50-00-0D, reaction products with naphthalenesulfonic acid 52-90-4
 , biological studies 59-51-8 62-56-6, biological studies 68-11-1,

biological studies 110-27-0 112-92-5 2196-13-6 7631-86-9,
 biological studies 9003-39-8 9004-67-5 9004-99-3 9032-42-2
 25155-19-5D, reaction products with formaldehyde 31566-31-1
 RL: BIOL (Biological study)
 (hair dye emulsions contg.)
 IT 52-90-4, biological studies
 RL: BIOL (Biological study)
 (hair dye emulsions contg.)
 RN 52-90-4 HCAPLUS
 CN L-Cysteine (9CI) (CA INDEX NAME)

Absolute stereochemistry.



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FILE LAST UPDATED: 3 MAR 2003 <20030303/UP>
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L152 ANSWER 1 OF 5 WPIX (C) 2003 THOMSON DERWENT

AN 2002-645664 [70] WPIX

DNC C2002-182386

TI Propellant-free spray composition, e.g. for pump spray deodorant comprises
 an aqueous alcohol, a cosmetic/dermatological active ingredient, a
 polymeric **thickener** and optional additives.

DC A14 A96 D21 D22 E13 E17
 IN DICKHOF, S; KEMMESIES, A; POEPPL, M
 PA (HENK) HENKEL KGAA
 CYC 26
 PI EP 1210932 A2 20020605 (200270)* DE 6p A61K007-32 <--
 R: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT,
 RO SE SI TR
 DE 10059109 A1 20020606 (200270) A61K007-32 <--
 ADT EP 1210932 A2 EP 2001-127790 20011122; DE 10059109 A1 DE 2000-10059109
 20001128
 PRAI DE 2000-10059109 20001128
 IC ICM **A61K007-32**
 AB EP 1210932 A UPAB: 20021031
 NOVELTY - Propellant-free spray composition for topical application to the
 human body from a spray dispenser comprises:
 (1) a vehicle comprising water and 2-4C alcohol in a weight ratio of
 1:0.5-2;
 (2) at least one cosmetic or dermatological active ingredient;
 (3) a polymeric **thickener** dissolved in the vehicle (0.01-1
 wt%); and
 (4) additives (0-10 wt%).
 USE - The composition is especially useful as a pump spray deodorant.
 ADVANTAGE - Controlling the rheology of the composition with the
thickener allows the spray pattern and its deposition on the skin
 to be improved.
 Dwg.0/0
 FS CPI
 FA AB; DCN
 MC CPI: A12-V01; **A12-V04C**; D08-B09B; D09-B; E06-A01; E10-E04G;
 E10-E04H; E10-E04J; E10-E04K; E10-E04L2; E10-E04L3; E10-G02G2;
 E10-G02H2
 TECH UPTX: 20021031
 TECHNOLOGY FOCUS - POLYMERS - Preferred **Thickener**: The
thickener preferred is an acrylamide (co)polymer, especially a
 copolymer with water-soluble 2-acrylamido-2-methylpropanesulfonate salt,
 or a combination of an acrylamide (co)polymer and a crosslinked acrylic
 acid (co)polymer.
 TECHNOLOGY FOCUS - ORGANIC CHEMISTRY - Preferred Composition: The active
 ingredient is preferably a deodorant system comprising:
 (i) an enzyme-inhibiting ester of an **aliphatic** 2-6C carboxylic
 or hydroxycarboxylic acid and a 1-6C **alcohol** or polyol; and
 (ii) an antimicrobial diol of formula (I); and
 (iii) an antioxidant, especially tocopherol or a tocopheryl ester.

$$R1CHOH(CHR2)XCH2OH \quad (I)$$

$$R1 = H \text{ or } R2, \text{ provided that when } x=1 \text{ } R1 \text{ is } H \text{ and when } x=0 \text{ then } R1=R2;$$

$$R2 = 6-22C \text{ alkyl, } 6-22C \text{ alkoxymethyl, } (2\text{-hydroxy})(6-22C)\text{alkoxymethyl or}$$

$$6-22C \text{ acyloxymethyl; and}$$

$$x = 0 \text{ or } 1.$$
 ABEX
 EXAMPLE - A typical composition comprises **ethanol** (40%),
 tocopheryl acetate (0.05%), 1-(2-ethylhexyloxy)glycerol (0.1%), triethyl
 citrate (3%), 2,2',4,4'-tetrahydroxybenzophenone (0.01%), Carbopol 2050
 (RTM: **carbomer**) (0.16%), Emulgin HRE 40 (RTM: hydrogenated
 castor oil ethoxylate) (0.5%), perfume (1.2%), **sodium**
hydroxide (to pH 5.83) and water (to 100%).
 L152 ANSWER 2 OF 5 WPIX (C) 2003 THOMSON DERWENT
 AN 2001-406371 [43] WPIX
 DNC C2001-122970
 TI New formulations for, e.g. firming oil and spray, restructuring dressing
 gel, deodorant cream and spray, anti-aging revitalizing cream, or facial
 cleanser.

DC A96 D21 E19
 PA (ANON) ANONYMOUS
 CYC 1
 PI RD 443043 A 20010310 (200143)* 11p A61K000-00
 ADT RD 443043 A RD 2001-443043 20010220
 PRAI RD 2001-443043 20010220
 IC ICM A61K000-00
 AB RD 443043 A UPAB: 20010801

NOVELTY - Formulations for firming oil and spray; restructuring dressing gel; deodorant cream and spray; anti-aging revitalizing cream; facial cleanser, concealing gel and cleansing lotion for sensitive skin; repairing cream for hair and hand; liquid foundation cream for hand; liquid talc; sun emulsion, lotion and cream; pearlescent spray, and gentle make-up remover for eyes, are new.

USE - For, e.g. deodorization, skin tissues firming-up, anti-age effect, sensitive skin cleaning, anti-stress effect, skin restoring, sun care effect, or make-up removing.

ADVANTAGE - The inventive firming spray has a very low viscosity, while the inventive repairing cream for hand has a smooth texture.

Dwg.0/0

FS CPI

FA AB; DCN

MC CPI: A12-V04A; **A12-V04C**; D08-B03; **D08-B09A**; D08-B09B;
 D09-E; E05-B03; E05-G07; E06-A01; E07-A02D; E07-A02H; E07-D03;
 E07-D09D; E10-A09A; E10-A15C; E10-A22D; E10-A22G; E10-B01C;
 E10-B02D5; E10-B02D8; E10-B03B; E10-C02F; E10-C04D4; E10-C04F;
 E10-E02F1; **E10-E04**; E10-F02A2; E10-G02F1; E10-G02G2;
 E10-G02H2; E10-J02D3; E25-B03; E25-E01; E31-F05; E31-P02D; E31-P05B;
 E33-A03; E35-K02; E35-U02

TECH UPTX: 20010801

TECHNOLOGY FOCUS - ORGANIC CHEMISTRY - Preferred Compositions: The firming oil comprises SEPILIFT DPHP (dipalmitoyl hydroxyproline), MONTANE 80VG (sorbitan oleate), triethanolamine, mineral oil, DC 345 (cyclomethicone), isononyl isononanoate, and SOMBRAS G92.27188 (fragrance). The restructuring dressing gel comprises DEHYQUART F75 (distearoyl ethyl hydroxyethylmonium methosulfate and cetearyl alcohol), isononyl isononanoate, SIMULGEL EG (sodium acrylate/sodium acryloyldimethyltaurate copolymer, isohexadecane and polysorbate 80 - **thickening** and emulsifying agent), water, LUVISKOL K30 (polyvinylpyrrolidone), **ethanol**, GENAMIN CTAC (cetrimonium chloride), SEPICAP MP (sodium cocoyl aminoacids/potassium dimethicone copolyol panthenyl phosphate), DC 949 (amodimethicone), SEPIDIDE HB (phenoxyethanol, methylparaben, ethylparaben, propylparaben, and butylparaben - preservative agent), SEPIDIDE CI (imidazolidinyl urea - preservative agent), and Elseve X10042 (fragrance). The deodorant cream comprises MONTANOV 202 (arachidyl alcohol, behenyl alcohol and arachidyl glucoside - emulsifying agent), isononyl isononanoate, MICROPEARL M310 (methyl methacrylate crosspolymer - absorbent and anti-shine agent), SIMULGEL EG, LIPACIDE UG (undecyclenoyl glycine - antimicrobial agent), LIPACIDE C8GAL (aluminum capryloyl glycine - deodorant, antimicrobial and astringent agent), water, KELTROL T (xanthan gum), TALC 002C, glycerin, **ethanol**, SEPIDIDE HB, FCD blue 1 (dye), and BASALFRESH G91.32127 (fragrance). The anti-age revitalizing cream comprises SIMULGEL EG, TRIGLY 5545 (caprylic/capric triglyceride), PHYTOSQUALANE (squalane), water, ethylenediaminetetraacetic acid (EDTA) disodium salt, sodium metabisulfite, SEPIVITAL (potassium ascorbyl tocopheryl phosphate), SEPIDIDE HB, and PAOLA X018435 (fragrance). The facial cleanser for sensitive skin comprises LIPACIDE C8G (capryloyl glycine - antimicrobial agent), SIMULSOL 220TM (PEG200 glyceryl stearate), CAPIGEL 98 (acrylate copolymer), ORONAL LCG (sodium cocoeth sulfate and PEG40 glyceryl cocoate - cleansing surfactant), water, glycerin, 48% **sodium hydroxide (NaOH)**, lactic acid, FCD blue 1, and AMETHYSTE PN002741 (fragrance). The firming spray comprises SEPILIFT DPHP, isononyl isononanoate, CAPIGEL 98, 24%

NaOH, SEPICIDE HB, SEPICIDE CI, JULIE (fragrance), and water. The repairing cream for hair (rinse-off) comprises MONTANOV 82 (cetearyl alcohol and cocoyl glucoside - emulsifying agent), jojoba oil, LANOL P (glycol palmitate - consistence agent), AMONYL DM (quaternium 82 - mild conditioner), isostearyl isononanoate, SIMULGEL EG, butylene glycol, water, SEPICAP MP, SEPICIDE HB, SEPICIDE CI, and NINALIX X012.822 (fragrance). The repairing cream for hand comprises cetyl alcohol, SIMULSOL 165 (glyceryl stearate and PEG100 stearate - self-emulsifying agent), MONTANOV S (coconut alcohol and cocoyl glucoside - emulsifying agent), SIMULSOL PG711 (PPG-11 stearyl ether - film-forming and emollient agent), DC 200/100 (dimethicone), water, glycerin, SIMULGEL A (ammonium polyacrylate, isohexadecane and PEG40 castor oil - **thickening** and emulsifying agent), SEPICIDE HB, SEPICIDE CI, and sweet almond G9324267 (fragrance). The liquid foundation cream for hand comprises butylene glycol, PEG400, PECOSIL PS100 (dimethicone copolyol phosphate), LUZENAC 000C (talc), SICOVIT yellow 10 (iron oxide yellow), SICOVIT red 30 E172 (iron oxide red), SICOVIT (iron oxide black), MONTANOV L (14-22C alkyl alcohol and 14-22C alkylglucoside - emulsifying agent), isononyl isononanoate, TRIGLY 5545, DC 345, KELTROL T, VEEGUM HV (magnesium aluminum silicate), water, EDTA tetrasodium salt, MICROPEARL M305, SEPICIDE HB, SEPICIDE CI, and LIANE X018.433 (fragrance). The liquid talc comprises MICROPEARL M305, water, glycerin, LUZENAC 002C, SEPIFEEL ONE (palmitoyl proline, magnesium palmitoyl glutamate and sodium palmitoyl sarcosinate - texture agent), SIMULGEL A, DC 345, SEPICIDE HB, and LUSTY PN (fragrance). The satin deodorant spray comprises water, MICROPEARL M201 (methyl methacrylate crosspolymer), SEPIGEL 502 (13-14C isoparaffin and isostearyl isostearate and sodium polyacrylate and sodium polyacrylamide and polysorbate 60 - **thickening** agent), DC 345, SENSIVA SC50 (ethyl hexyl glycerin - deodorant), SEPICIDE HB, SEPICIDE CI, and BASALFRESH G91.32127 (fragrance). The concealing gel for sensitive skin comprises water, anastase titanium dioxide, SIMULGEL EG, TRIGLY 5545, PHYTOSQUALINE, SEPICALM VG (sodium palmitoyl proline and nymphaea alba extract), MICROPEARL MHB (methyl methacrylate crosspolymer), SEPICIDE HB, SEPICIDE CI, and LIANE X018.435 (fragrance). The sun emulsion sun protective factor (SPF) 10 comprises MONTANOV 82, 12-15C alkyl benzoate, glycerin, ethylenediaminetetraacetic (EDTA) acid tetra sodium salt, UVINUL MC80 (ethyl hexyl cinnamate), UVINUL M40 (benzophenone-3), SEPIGEL 305 (polyacrylamide/13-14C isoparaffin/laureth-7 - **thickening** and emulsifying agent), DC 345, water, DL alpha-tocopherol, SEPICIDE HB, SEPICIDE CI, NaOH, and APHRODIS X010.029 (fragrance). The sun lotion SPF 15 comprises SIMULSOL 165, MONTANOV S, 12-15C alkyl benzoate, glycerin, EDTA acid tetra sodium salt, MUVINUL MC80, UVINOL M40, SEPIGEL 305, DC 345, water, DL alpha-tocopherol, SEPICIDE HB, SEPICIDE CI, NaOH, and APHRODIS X010.029. The anti-aging cream comprises MONTANOV 202, isononyl isononanoate, SEPIGEL 305, water, SEPICIDE HB, SEPICIDE CI, SEPIVINOL R (wine extract), and BEAUTY X010.494 (fragrance). The protective suncare SPF 10 comprises SIMULSOL 165, MONTANOV S, 12-12C alkyl benzoate, glycerin, EDTA tetra sodium salt, M262 (titanium dioxide), DC 345, SEPIGEL 305, PECOSIL PS100, tromethamine, KELTROL T (xanthan gum), VEEGUM HS, water, DL alpha-tocopherol, SEPICIDE HB, SEPICIDE CI, and APRODIS X010.029. The sun cream SPF 10 comprises MONTANOV 82, SEPIFEEL ONE, 12-15C alkyl benzoate, glycerin, tromethamine, M262, DC 345, SEPIGEL 305, EDTA tetra sodium salt, water, VEEGUM HS, KELTROL T, DL alpha-tocopherol, SEPICIDE HB, SEPICIDE CI, and APHRODIS X010.029. The pearlescent spray comprises SEPIFEEL ONE, triethanolamine, water, and SEPICIDE CI. The high protection sun cream SPF 30 comprises SIMULSOL 165, MONTANOV S, diisopropyl adipate, glycerin, UVINUL MC80, UVINUL N539T (octacrylene), PARSOL 1789 (butyl methoxy dibenzoyl methane = avobenzole), SEPIGEL 305, DC 345, PECOSIL PS100, EDTA tetra sodium salt, KELTROL T, VEEGUM HS, water, DL alpha-tocopherol, SEPICIDE HB, tromethamine, and VAHINE X010.030. The gentle make-up remover for eyes comprises glycerin, ORAMIX CG110 (caprylic capric glucoside - cleaning surfactant), MIMI X018.436 (fragrance), SEPICIDE HB, ORONAL LCG, SEPICIDE CI, and water. The

cleansing lotion for sensitive skin comprises MONTANOV 82, TRIGLY 5545, water, KELTROL T, SIMULGEL A, ORONAL LCG, SEPICALM S (sodium cocoyl aminoacids/sarcosine/potassium aspartate/magnesium aspartate - soothing agent), SEPICIDE HB, SEPICIDE Cl, and MIMI X018.436.

ABEX

EXAMPLE - A firming spray contained (%) SEPILIFT DPHP (1.0), isononyl isononanoate (3.0), CAPIGEL 98 (1.3), 24% **sodium hydroxide** (0.3), SEPICIDE HB (0.3), SEPICIDE CI (0.2), JULIE (0.1), and water (balance). It was a fluid emulsion with a pH of approximately 7 and a viscosity of 20,000 cps.

L152 ANSWER 3 OF 5 WPIX (C) 2003 THOMSON DERWENT

AN 2001-210115 [21] WPIX

CR 1999-024154 [02]; 2001-101284 [47]

DNC C2001-062321

TI Personal care compositions comprise toughened grafted polymers.

DC A14 A26 A96 B04 D21

IN MIDHA, S; NIJAKOWSKI, T R

PA (PROC) PROCTER & GAMBLE CO

CYC 1

PI US 6165457 A 20001226 (200121)* 12p A61K031-74

ADT US 6165457 A US 1997-854513 19970512

PRAI US 1997-854513 19970512

IC ICM A61K031-74

AB US 6165457 A UPAB: 20010418

NOVELTY - Personal care compositions comprise toughened grafted polymers for improved performance.

DETAILED DESCRIPTION - A personal care composition comprises:

(a) an adhesive copolymer having an organic polymeric backbone (Tg 0-45 deg. C), with 1 or more side chains consisting of acrylic and methacrylic monomer units (Tg 50-200 deg. C, number average molecular weight of side chain greater than 1000) grafted onto the backbone; and
(b) a carrier comprising water, and/or a 2 or 3C monohydric alkanol.

USE - The composition is a shampoo, soap, lotion, cream, antiperspirant, nail enamel, lipstick, foundation, mascara, sunscreen, hair spray, mousse or hair setting tonic, e.g. hair gel, anti-acne and sunscreen compositions.

ADVANTAGE - The compositions have improved adhesive and cohesive properties and low creep at high humidity, therefore giving improved style durability benefits.

Dwg.0/0

FS CPI

FA AB; DCN

MC CPI: A12-V04A; **A12-V04C**; B01-D02; B04-C03; B04-N04;
B14-A01; B14-R02; B14-R05; D08-B01; D08-B02; D08-B05;
D08-B09

TECH UPTX: 20010418

TECHNOLOGY FOCUS - POLYMERS - Preferred Monomer: The backbone monomer unit is e.g. an unsaturated alcohol, unsaturated dicarboxylic acid, unsaturated anhydride, alcohol ester or amide of an unsaturated mono- or di-carboxylic acid, particularly acrylic acid, methacrylic acid 2-methoxyethyl acrylate, n-butyl methacrylate, isobutyl methacrylate, t-butyl acrylate, t-butyl methacrylate, 2 ethylhexyl methacrylate and/or methyl methacrylate.

The backbone preferably has Tg 0-25 degreesC.

Preferred Side Chain: The side chain has formula (I)n-(W)m E (I).

I = initiator;

n = 0 or 1;

m = 10-2000;

W = acrylic or methacrylic monomer unit;

E = endcapping group.

Preferred side chains comprise acrylic acid, methacrylic acid, n propyl methacrylate, isobutyl methacrylate, tert-butyl acrylate, tert-butyl

methacrylate, 2-hydroxyethyl methacrylate, and/or 2 hydroxypropyl methacrylate, and have Tg 70-110 degreesC.

Optionally 1 or more side chains having a polysiloxane-containing macromonomer unit may be attached to the backbone, where the side chains have weight average molecular weight 1,000-50,000 and are of formula $X(Y)_nSi(R)_3-x(Z)_x$ (II).

X = vinyl group copolymerizable with the vinyl monomer units;

Y = divalent linking group;

R = H, OH, 1-6C alkyl, 1-6C alkoxy, 2-6C alkylamino, or phenyl optionally substituted with 1-6C alkyl or alkoxy;

Z = monovalent siloxane polymeric moiety having a number average molecular weight of at least 1000, is unreactive under copolymerization conditions and is pendant from the vinyl polymeric backbone after polymerization; x = 1-3.

Preferred side chains include e.g. $CH_2=C(Me)-C(=O)-O(CH_2)_3-Si(Me)_2-(O-Si(R_6)(R_7)-)_r-R_5$ (IIA).

R₅, R₆, R₇ = H, OH, 1-6C alkyl, 1-6C alkoxy, 2-6C alkylamino, or phenyl optionally substituted with 1-6C alkyl or alkoxy;

r = 1-700.

Preferred Compositions: The composition may further comprise e.g. emollients, lubricants, penetrants, protein hydrolyzates, ethylene adducts, polyoxyethylene cholesterol, dyes, bleaches, sunscreens, preservatives or anti-acne agents.

ABEX

EXAMPLE - An anti-acne composition was prepared comprising:

ethanol 40%, **Carbomer** 940(TM) 0.75%, **sodium**

hydroxide solution (30 wt.%) 0.9%, **salicylic acid** 2%,

poly(t-butylacrylate-co-2 methoxyethylacrylate-co-acrylic

acid)-graft-(poly(n propylmethacrylate-co-methacrylic

acid):poly(dimethylsiloxane)) copolymer 2%, and water to 100%.

The composition is useful for application to the skin to provide improved water resistance and is useful in the treatment of acne.

L152 ANSWER 4 OF 5 WPIX (C) 2003 THOMSON DERWENT

AN 1999-570493 [48] WPIX

CR 1997-087149 [08]; 2002-412943 [44]; 2003-119678 [11]

DNC C1999-166427

TI Stable hydroalcoholic compositions **thickened** using mixed emulsifier systems.

DC A96 B05 C03 D21 D22 E19

IN ASMUS, R A; CHARPENTIER, J R; SCHOLZ, M T

PA (MINN) MINNESOTA MINING & MFG CO

CYC 1

PI US 5951993 A 19990914 (199948)* 31p A01N025-30

ADT US 5951993 A CIP of US 1995-493714 19950622, US 1997-781090 19970109

PRAI US 1997-781090 19970109; US 1995-493714 19950622

IC ICM A01N025-30

AB US 5951993 A UPAB: 20030214

NOVELTY - Stable hydroalcoholic compositions are **thickened** using mixed emulsifier systems and not polymeric **thickeners**.

DETAILED DESCRIPTION - A hydroalcoholic composition comprises:

(a) a **lower alcohol** and water in a weight ratio of 35:65 to 95:5; and

(b) 0.5-8 wt. % of a **thickener** system comprising at least two solid emulsifiers (each present at at least 0.05 wt. %), where at least one emulsifier comprises:

(i) at least one hydrophobic group selected from at least 16C alkyl, at least 16C alkenyl, at least 20C aralkyl and- at least 20C aralkenyl; and

(ii) at least one hydrophilic group selected from an amide; a short chain ester of a long chain **alcohol** or acid; a polyglucoside having 1-10 glucose units; a polyglycerol ester having 1-15 glycerol units; a secondary, tertiary or quaternary amine; an anionic group; and/or

a zwitterionic group.

The composition has a viscosity at least 4000 centipoise (cps) at 23 deg. C in the absence of polymeric **thickeners**.

An INDEPENDENT CLAIM is also included for preparation of the compositions comprising: melting the **thickener** system; mixing with water (pre-heated to a temperature above the melt temperature of the **thickener** system); and adding a **lower alcohol** and water.

USE - The compositions are useful as skin disinfectants, e.g. as a pre-surgical hand preparations, patient skin preparations or hand lotions.

ADVANTAGE - The compositions can be used for multiple applications, without causing a slimy or abnormal feeling upon post application skin washing.

Dwg.0/0

FS CPI

FA AB; DCN

MC CPI: **A12-V04C**; B04-C02D; B04-C02X; B04-C03; B05-A03B; B05-B01B;

B05-B02C; B10-B02; B10-C04; **B10-E04**; **B14-A01**;

B14-A02; **B14-A04**; **B14-N17**; C04-C02D;

C04-C02X; C04-C03; C05-A03B; C05-B01B; C05-B02C; C10-B02; C10-C04;

C10-E04; **C14-A01**; **C14-A02**;

C14-A04; **C14-N17**; **D08-B09A**; D09-A01;

E05-G09D; E07-A02D; E07-A02H; E10-A03; E10-A22; E10-B04; E10-D03C;

E10-E04; E10-G02; E10-H01D; E10-H01E

TECH UPTX: 19991122

TECHNOLOGY FOCUS - ORGANIC CHEMISTRY - Preferred Composition: The composition comprises at least one emulsifier comprising a hydrophobic group as above, and a hydrophobic group comprising:

(i) an ethylene oxide and/or propylene oxide containing group, which is bonded to the hydrophobic group through an ester or ether bond, and optionally terminated with a 1-36C alkyl ester, 2-36C alkenyl ester or 6-36 C aralkyl ester;

(ii) an alcohol group;

(iii) a polyhydric alcohol group;

(iv) an ester of ether of a polyhydric alcohol or a polyalkoxylated derivative of it; and/or

(v) an ester or ether of sorbitan or a polyalkoxylated derivative of it.

Preferred Composition: The composition may also comprise:

(a) at least 1 emollient distinct from the **thickener** system, in the form of a wax and/or liquid (preferably with a ratio of wax to liquid emollient of 1:5 to 5:1), e.g. a dialkoxymethylsiloxane or a polyether/polysiloxane copolymer;

(b) an antimicrobial agent, selected from hexachlorophene, lauricidin, a phenol, a surfactant having a long chain hydrophobic group and a quaternary group,

(c) a quaternary silane, hydrogen peroxide, silver, a silver salt, silver oxide, and/or silver sulfadiazine, or preferably a chlorhexidine salt (particularly chlorhexidine digluconate), iodine, a complexed form of iodine, parachlorometaxyleneol and/or triclosan, or particularly chlorhexidine digluconate;

(d) a stabilizer, e.g. alkyl pendant polymers or borate ion;

(e) polydimethyldioxane or derivatives selected from polyether polysiloxane copolymers, polyalkyl siloxanes, polyaryl/alkyl/siloxanes, polysiloxane polyalkylene copolymers, and dialkoxymethyl dimethyl siloxanes;

(f) a therapeutic agent; or

(g) an antifungal agent.

The zwitterionic group contains a group of formula (i) or (ii).

$-N+(R'')_2(CH_2)_xL'$ (i)

$-OP(O)(O-)(CHR'')_xN+(R')_3$ (ii)

$R'' = H$, or alkyl, alkenyl, alkoxyalkyl, or alkenylalkyl (all optionally interrupted by N, O or S);

$Q = H$ or OH ;

$x = 1-4$;

L' = CO₂-, OP(O)(O-)(O-M+), OP(OR''')(O)(O-M+), SO₂(O-) or OSO₂O-;
 R''' = H, or 1-10C alkyl (optionally interrupted by O, N or S);
 M+ = a counter ion present in a molar ratio which gives a net **neutral** charge, selected from H+, Na+, K+, Li+, N+H₄, Ca²⁺, Mg²⁺, and N+(R')₄.

N.B. R' is not defined.

The composition further comprises a 1-4C alcohol, preferably **ethanol**, and 1-3.5 wt. % of a **thickener** system, preferably having weight average hydrophile/lipophile balance (HLB) of 8 to 12. The composition preferably has viscosity 80000-500000 cps at 23 degrees C, melt temperature greater than 40 degrees C, and does not separate by more than 10 vol.% when centrifuged for 30 minutes at 2275xg. It may be in the form of a lotion or foam.

TECHNOLOGY FOCUS - POLYMERS - Preferred Composition: The composition may also comprise:

- (a) at least 1 emollient distinct from the **thickener** system, in the form of a wax and/or liquid (preferably with a ratio of wax to liquid emollient of 1:5 to 5:1), e.g. a dialkoxymethylsiloxane or a polyether/polysiloxane copolymer;
- (b) an antimicrobial agent, selected from hexachlorophene, lauricidin, a phenol, a surfactant having a long chain hydrophobic group and a quaternary group,
- (c) a quaternary silane, hydrogen peroxide, silver, a silver salt, silver oxide, and/or silver sulfadiazine, or preferably a chlorhexidine salt (particularly chlorhexidine digluconate), iodine, a complexed form of iodine, parachlorometaxyleneol and/or triclosan, or particularly chlorhexidine digluconate;
- (d) a stabilizer, e.g. alkyl pendant polymers or borate ion;
- (e) polydimethyldioxane or derivatives selected from polyether polysiloxane copolymers, polyalkyl siloxanes, polyaryl/alkyl/siloxanes, polysiloxane polyalkylene copolymers, and dialkoxymethyl dimethyl siloxanes;
- (f) a therapeutic agent; or
- (g) an antifungal agent.

Preferred Emulsifiers: Preferred emulsifiers include an alkyl polyglucoside, an alkenyl polyglucoside, a short chain ester of a long chain alcohol or acid, a polyglycerol ester, a quaternary or tertiary amine, an amine oxide, a zwitterionic compound, an alkyl amide, an alkenyl amide and/or an anionic compound.

ABEX

EXAMPLE - A composition was prepared comprising Montanov 68 (RTM: cetearyl glucoside) 0.76 g, Brij 76 (RTM: polyethoxylated 18C alcohol) 0.19 g, Crodacel QS (20 %) 0.48 g, chlorhexidine gluconate (20 % solution) 0.48g and **ethanol**:water (68:32) 17.6 g. Minimum inhibitory concentration (MIC) values for the composition against Escherichia.Coli ATCC 8739 and Streptococcus aureus ATCC 14154 respectively were 4 and 4 mug/ml, and these values were the same as MIC results obtained for Hibclens (RTM: an antimicrobial soap).

L152 ANSWER 5 OF 5 WPIX (C) 2003 THOMSON DERWENT

AN 1985-120198 [20] WPIX

DNC C1985-052328

TI Gel compsn. for external use - contains clotrimazole, **lower alcohol**, glycol, stabiliser gelling agent, **neutralising** agent and water.

DC A96 B03 C02

PA (HISM) HISAMITSU PHARM CO LTD

CYC 1

PI JP 60061518 A 19850409 (198520)* 4p

JP 04063852 B 19921013 (199245) 3p A61K009-06

ADT JP 60061518 A JP 1983-169970 19830914; JP 04063852 B JP 1983-169970 19830914

FDT JP 04063852 B Based on JP 60061518

PRAI JP 1983-169970 19830914

IC ICM A61K009-06

AB JP 60061518 A UPAB: 19930925

Gel compsn. (I) contains as base: **lower alcohol** (30-50 wt.% pref. 35-45 wt.%), glycols (5-30 wt.% pref. 5-20 wt.%), stabiliser (2-10 wt.% pref. 5-8 wt.%), gelling agent (0.1-3 wt.% pref. 0.1-2 wt.%), **neutralisation** agent and H2O; and as active ingredient: clotrimazole (0.1-3 wt.% pref. 0.5-2 wt.%). Ph is regulated 7-9, pref. 7.5-8.5.

Stabiliser is e.g. diisopropyladipate; gelling agent e.g. carboxyvinyl polymer, hydroxyethylene cellulose, hydroxypropyl cellulose, methylcellulose. **Neutralising** agent is e.g. organic amine-methanolamine, ethanolamine, diethanolamine, diisopropanolamine, triethanolamine, or triisopropanolamine. USE/ADVANTAGE - (I) has high affinity to skin and is pharmaceutically stable, forms colourless and transparent coat which keeps clotrimazole stable and concentrated state on the skin, so the effect of clotrimazole continues and side effects are low.

0/0

FS CPI

FA AB

MC CPI: A03-A04A; A04-A03; A04-F04; A12-S; A12-V01; B04-C02; B04-C03B; B07-D09; B10-B03B; B10-E04C; B10-E04D; **B12-A07**; B12-M03; B12-M06; C04-C02; C04-C03B; C07-D09; C10-B03B; C10-E04C; C10-E04D; **C12-A07**; C12-M03; C12-M06

=> d his

(FILE 'HOME' ENTERED AT 10:49:35 ON 05 MAR 2003)
SET COST OFF

FILE 'REGISTRY' ENTERED AT 10:49:46 ON 05 MAR 2003

L1 13 S 67-56-1 OR 64-17-5 OR 71-23-8 OR 67-63-0 OR 62309-51-7 OR 352

FILE 'HCAPLUS' ENTERED AT 10:51:36 ON 05 MAR 2003

L2 266445 S L1

E ALCOHOL/CT

L3 6330 S E43,E45

L4 850 S E78,E80

L5 9904 S ALCOHOL#/CW (L) (ALIPH? OR C1 OR C2 OR C3 OR C4)

L6 404207 S METHANOL OR ETHANOL OR PROPANOL OR BUTANOL OR (METHYL OR ETHY

L7 1355 S ALCOHOL#/CW (L) LOWER

L8 662663 S MECH OR ETOH OR PROH OR IPROH OR BUOH

L9 958839 S L2-L8

FILE 'REGISTRY' ENTERED AT 10:54:44 ON 05 MAR 2003

E CARBOMER/CN

L10 6 S E3-E8

L11 9 S E13-E18,E21,E22,E24

L12 10 S E25-E27,E29-E35

E CARBOMER

L13 8 S E3 NOT L10-L12

L14 25 S L10-L12

FILE 'HCAPLUS' ENTERED AT 10:56:09 ON 05 MAR 2003

L15 2312 S L14

L16 941 S CARBOMER

L17 3403 S CARBOPOL

L18 146 S L15 NOT L16,L17

E THICKENER/CT

E E5+ALL

L19 30 S E1

L20 8352 S E2+ALL
 S E3+NT
 E E8+ALL
 L21 12401 S L15-L20
 L22 1561 S L9 AND L21
 L23 18288 S L9 AND THICK?
 L24 18894 S L22,L23
 L25 1370 S L24 AND NEUTRAL?
 E NEUTRALIZER/CT

FILE 'REGISTRY' ENTERED AT 10:58:28 ON 05 MAR 2003

 E SODIUM HYDROXIDE/CN
 L26 1 S E3
 E POTASSIUM HYDROXIDE/CN
 L27 1 S E3
 E AMMONIUM HYDROXIDE/CN
 L28 1 S E3
 E MAGNESIUM HYDROXIDE/CN
 L29 1 S E3

FILE 'HCAPLUS' ENTERED AT 10:59:51 ON 05 MAR 2003

L30 96246 S L26-L29
 L31 535857 S NAOH OR KOH OR NH4OH OR MGOH2 OR (NA OR K OR NH4 OR MG OR SOD
 L32 3252 S L24 AND L30,L31
 L33 3894 S L25,L32
 E COSMETICS/CT
 L34 135 S E3-E61 AND L33
 E E3+ALL
 L35 203 S E2,E1+NT AND L33
 L36 37 S (E26 OR E30+NT) AND L33
 E E30+ALL
 E E14+ALL
 L37 28 S E4+NT AND L33
 L38 26 S (E34+NT OR E35+NT) AND L33
 E E33+ALL
 L39 44 S E3+NT AND L33
 L40 242 S L33 AND (PHARMACEUT? OR PHARMACOL?)/SC,SX,CW
 E WOUND/CT
 L41 3 S (E3+NT OR E4-E5 OR E6+NT OR E7,E8 OR E9+NT OR E10,E11) AND L3
 L42 0 S E21+NT AND L33
 L43 411 S L34-L41
 L44 43 S L43 AND (SANITIS? OR SANITIZ? OR DISINFECT? OR ANTISEPT? OR A
 E ALI Y/AU
 L45 62 S E3-E10,E27-E29
 E BARNHART R/AU
 L46 1 S E20
 E CLINE M/AU
 L47 67 S E3-E11,E30
 L48 10 S L45-L47 AND L9
 L49 0 S L48 AND L15-L25,L30-L33
 L50 21 S L45-L47 AND (COSMETIC# OR PHARMACEUT?)/SC,SX,CW,BI
 L51 2 S L45-L47 AND SKIN
 L52 21 S L50,L51
 E GOJO/PA,CS
 L53 29 S E3-E20
 L54 4 S L53 AND L9
 SEL DN AN 1 2
 L55 2 S E1-E6
 L56 1 S L55 AND L15-L25,L30-L44
 L57 2 S L55,L56
 L58 1549 S (L9 OR ALCOHOL OR ISOPROPANOL) AND L15-L18
 L59 403 S L58 AND L30,L31
 L60 159 S L59 AND SKIN

L61 284 S L59 AND COSMETIC#/SC, SX, CW, BI
L62 262 S COSMETICS+NT/CT AND L59
L63 67 S SKIN, DISEASE+NT/CT AND L59
L64 49 S SKIN+NT/CT AND L59
L65 316 S L60-L64
L66 47 S L65 AND (DISINFECT? OR ANTISEPT? OR SANITIS? OR SANITIZ? OR A
L67 7 S L59 AND WOUND?
L68 32 S L65 AND (WASH? OR DETERGENT? OR SOAP? OR SHAMPOO?)
L69 64 S L66, L68
L70 57 S L69 NOT (TEETH? OR TOOTH? OR DENTIFRICE OR MOUTHWASH?)
L71 57 S L70 AND L9, L15-L25, L30-L70
L72 42 S L71 NOT HAIR
L73 15 S L71 NOT L72

FILE 'REGISTRY' ENTERED AT 11:52:58 ON 05 MAR 2003

L74 6 S 74-79-3 OR 157-06-2 OR 7200-25-1 OR 52-90-4 OR 921-01-7 OR 33
L75 1 S THIAMINE/CN
L76 1 S 70-16-6
L77 2094 S (74-79-3 OR 157-06-2 OR 7200-25-1 OR 52-90-4 OR 921-01-7 OR 3

FILE 'HCAPLUS' ENTERED AT 11:54:10 ON 05 MAR 2003

L78 69889 S L74-L76
L79 18120 S L77
L80 61 S L78, L79 AND L24
L81 40 S L80 AND (COSMETIC# OR PHARMACEUT? OR PHARMACOL? OR SKIN OR WO
L82 22 S L80 AND COSMETICS+NT/CT
L83 40 S L81, L82
L84 21 S L80 NOT L83
L85 95 S L83, L71-L73
L86 97 S L57, L85
L87 53 S L86 AND (DISINFECT? OR ANTISEPT? OR SANITIS? OR SANITIZ? OR A
L88 44 S L86 NOT L87
L89 3 S L87 AND HAIR/TI
L90 8 S L87 AND HAIR?/CT
SEL DN AN 1 6 L90
L91 2 S L90 AND E7-E12
L92 44 S L88 NOT L89-L91
L93 12 S L92 AND HAIR?/TI
L94 32 S L92 NOT L93
L95 4 S L91, L57
L96 20 S L89, L90, L93
SEL DN AN 1 5 20
L97 3 S L96 AND E13-E21
L98 6 S L95, L97

FILE 'HCAPLUS' ENTERED AT 12:07:27 ON 05 MAR 2003

FILE 'WPIX' ENTERED AT 12:07:54 ON 05 MAR 2003

L99 44105 S ALCOHOL(L) (ALIPHAT? OR LOWER OR C1 OR C2 OR C3 OR C4)/BIX
L100 142339 S L6/BIX OR L8/BIX OR ISOPROPANOL/BIX
L101 9062 S (R00270 OR R00245 OR R00302 OR R00271 OR R00304 OR R00436 OR
E BUTANOL/DCN
E E5+ALL
L102 12097 S (B10-E04 OR C10-E04 OR E10-E04)/MC
L103 187566 S L99-L102
L104 568 S CARBOMER/BIX
E CARBOMER/DCN
E CARBOMER/PLE
L105 129 S L103 AND L104
L106 675 S Q619/M0, M1, M2, M3, M4, M5, M6 AND L103
L107 336 S A08-M06/MC AND L103
L108 2133 S THICKEN?/BIX AND L103
L109 3324 S L104-L108

L110 83242 S L31/BIX
 L111 12304 S (ARGININE OR CYSTEINE OR THIAMIN#)/BIX
 E SODIUM HYDROXIDE/DCN
 L112 200092 S (0270 OR 0245 OR 0302 OR 0271 OR 0304 OR 0436 OR 0373)/DRN OR
 L113 3063 S L112 AND (CARBOMER/BIX OR Q619/M0,M1,M2,M3,M4,M5,M6 OR A08-M0
 L114 318 S L113 AND L110,L111
 E ARGININE/DCN
 E E3+ALL
 L115 2220 S E2 OR 1661/DRN
 E ARGININE/DCN
 E E6+ALL
 L116 367 S E2
 L117 231 S E4
 E ARGININE/DCN
 E E18+ALL
 L118 24 S E2
 L119 475 S E4
 E CYSTEINE/DCN
 E E3+ALL
 L120 1982 S E2 OR 1628/DRN
 L121 342 S E4
 E CYSTEINE/DCN
 E E17+ALL
 L122 34 S E2
 L123 261 S E4
 E THIAMINE/DCN
 E E3+ALL
 L124 1150 S E2 OR 0185/DRN
 L125 286 S E4
 L126 28 S E6
 L127 19 S E8
 L128 15 S E10
 L129 102 S E12
 L130 107 S E14
 L131 9 S E16
 L132 18 S L113 AND L115-L131
 L133 323 S L114,L132
 E SODIUM HYDROXIDE/DCN
 E E3+ALL
 L134 26410 S E2 OR 1514/DRN
 E POTASSIUM HYDROXIDE/DCN
 E E3+ALL
 L135 11034 S E2 OR 1512/DRN
 E AMMONIUM HYDROXIDE/DCN
 E E3+ALL
 L136 5002 S E2 OR 1534/DRN
 E MAGNESIUM HYDROXIDE/DCN
 E E3+ALL
 L137 5364 S E2 OR 1509/DRN
 L138 145 S L113 AND L134-L137
 L139 301 S L113 AND NEUTRAL?/BIX
 L140 599 S L133,L138,L139
 E A61K007/IC,ICM,ICS
 L141 164 S L140 AND A61K007/IC,ICM,ICS,ICA,ICI
 L142 56 S L140 AND (P940 OR P941 OR P942 OR P943 OR Q262)/M0,M1,M2,M3,M
 L143 161 S L140 AND (D08-B OR D08-B09 OR D08-B09A? OR A12-V04 OR A12-V04
 L144 224 S L141-L143
 L145 21 S L140 AND A61P017/IC,ICM,ICS,ICA,ICI
 L146 224 S L144,L145
 L147 21 S L146 AND (P200 OR P210 OR P220 OR P23? OR P24? OR P31? OR P32
 L148 20 S L146 AND (B12-A? OR C12-A? OR B12-B? OR C12-B? OR B14-A? OR C
 L149 30 S L147,L148
 L150 16 S L149 NOT (STEROID OR NEMO OR ZINC OR PULSE OR LICE OR DYEING

L151 9 S L150 NOT (CORTICOSTEROID OR KETOTIFEN OR CLINDAMYCIN OR GUANI
 L152 5 S L151 NOT (PAPER OR ANTIHISTAMINIC OR DICLOFENAC OR GLYCYRRHET
 L153 5 S L146 AND (P940 OR P941)/M0,M1,M2,M3,M4,M5,M6
 L154 4 S L153 NOT L149
 L155 0 S L146 AND GUJO?/PA
 L156 0 S L146 AND (ALI Y? OR BARNHART ? OR CLINE M?)/AU

FILE 'WPIX' ENTERED AT 12:38:54 ON 05 MAR 2003

=> d all abeq tech abex tot

L162 ANSWER 1 OF 2 WPIX (C) 2003 THOMSON DERWENT

AN 2002-254187 [30] WPIX

DNC C2002-075918

TI Composition useful as a skin sanitizing composition comprises an alcohol, an opacifying moisturizing agent, moisturizing agent, **thickener** and water.

DC A96 B05 D21 E19

IN DUNKERTON, L V; FENDLER, E J; ZIRNIS, A

PA (GOJO-N) GOJO IND INC

CYC 1

PI US 6333039 B1 20011225 (200230)* 6p A61K007-48 <--

ADT US 6333039 B1 US 1998-160980 19980925

PRAI US 1998-160980 19980925

IC ICM **A61K007-48**

ICS **A61K007-50**

AB US 6333039 B UPAB: 20020528

NOVELTY - An opaque skin sanitizing composition comprises (wt.%): 1-4C alcohol (a) (at least 50), at least one opacifying moisturizing agent (b) (0.1 - 5), at least a second moisturizing agent (c) (0.1 - 10), a **thickener** (d) (0.05 - 2) and water. (b) is polyethylene copolymer, polypropylene copolymer or sodium styrene-based copolymer.

USE - As a skin sanitizing composition (claimed) or skin disinfecting composition useful in health care as well as with general public.

ADVANTAGE - The composition is devoid of surfactants that aid in the physical cleansing of the skin. The composition is opaque. The moisturizing agent reduces water loss from the skin. The composition is highly effective in providing antimicrobial activity to the skin, while reducing water loss from the skin and causing no irritation.

Dwg.0/0

FS CPI

FA AB; DCN

MC CPI: **A12-V04C**; B03-H; B04-A08; B04-A10; B04-B01C3; B04-C02A1; B04-C02B; B04-C02D; B04-C03A; B04-C03B; B04-C03C; B05-B02C; B07-D03; B10-A13C; B10-E04C; B10-E04D; B10-J02; B12-M02; B12-M06; B14-S08; **D08-B09A2**; E10-E04L

TECH UPTX: 20020528

TECHNOLOGY FOCUS - ORGANIC CHEMISTRY - Preferred Components: (a) is **methanol, ethanol, propanol,**

isopropanol, butanol, isobutanol or tertiary

butanol. (b) is a copolymer of sodium styrene/acrylate, sodium styrene acrylate/divinyl benzene, sodium styrene/acrylate/PEG 10, maleate/nonoxynol 10 maleate, sodium styrene/acrylamide or sodium styrene/sodium methacrylate. (c) is glycerin, water-soluble polyol, hydrolyzed protein, urea, hydrolyzed starch, hydroxy acid or its salt, pyrrolidone carboxylic acid, aloe vera gel, cucumber juice, mineral oil, squalene, tocopherol or nonvolatile silicone fluid. Preferred Composition: The composition further contains at least one emollient, preservative, lubricity agent, which gives soft and smooth feel to the composition, **neutralizing agent, UV absorber, solubilizer, castor oil, chelating agent, antioxidant, pearlizing agent, foaming agent, dye, fragrance and bead.** The emollient is vegetable triglyceride or organic acid ester. The **neutralizing agent neutralizes the pH**

of the composition between 6 - 8.25.

TECHNOLOGY FOCUS - POLYMERS - Preferred Components: (d) is cross-linked polyacrylic acid, polyacrylamide, **carbomer**, pluronic, cellulose, xanthan gum, guar gum, alginate, pectin, carrageenan, polyethylene glycol, polyvinyl alcohol, polyvinyl pyrrolidone or starch.

ABEX

ADMINISTRATION - The composition is administered topically.

EXAMPLE - A composition was prepared by dispersing Ultrez-10 (**thickener**) (4 grams) into water (329 grams) with rapid agitation. The polymer was hydrated at ambient temperature for 40 minutes. Specially denatured alcohol (approximately 645 grams) was added to the composition mixture. Then pellets of LAURICIN (glyceryl laurate) (preservative) (2 grams) were added and the mixture was agitated for approximately another 40 minutes until all pellets dissolved. FD and C Red and Yellow (coloring dye) were added until a peach color was obtained. Finsolv TN (lubricity agent) (4 grams) was added along with fragrance (1.3 grams), glycerin (.25 grams), propylene glycol (0.01 grams), isopropyl myristate (0.01 grams), tocopheryl acetate (0.001 grams), vitamin A palmitate, Dow Corning 1403 Fluid (non-volatile silicone fluid) (8 grams), OPACIFIER 653 (opacifying moisturizer) (7 grams). The mixture was agitated till uniform opaqueness and consistency. The pH of the composition was maintained to 7.2 by adding aminomethylpropanol (1.27 grams). The resulting mixture was then agitated. The skin moisture content of the skin was then determined by E. Berardesca, EEMCO Guidance for the Assessment of Stratum Corneum Hydration: Electrical Methods Skin Research and Technology, 3, 126-132 (1997).. The results for the skin moisturizing study showed that the skin hydration was 2.84 (after first treatment), 5.84 (after second treatment) and 7 (after third treatment) and the skin moisture capacity was 6.68 (after first treatment), 11.26 (after second treatment) and 11 (after third treatment). The results showed an increase in skin hydration and skin moisture content between first and second treatment as compared to the control.

L162 ANSWER 2 OF 2 WPIX (C) 2003 THOMSON DERWENT

AN 1991-332471 [45] WPIX

DNC C1991-143588

TI Two-phase, high viscosity cosmetic compsns. - with each phase having gelling matrix of gelling agent and **neutralising** agent.

DC A96 D21 E19

IN DALLAL, J A; FERULLO, T; KUZYN, C M

PA (SHIS) SHISEIDO CO LTD

CYC 1

PI US 5059414 A 19911022 (199145)*

ADT US 5059414 A US 1988-214533 19880701

PRAI US 1988-214533 19880701

IC A61K007-07

AB US 5059414 A UPAB: 19930928

Cosmetic prod. for application to hair comprises a hair styling phase, and a separate hair conditioning phase, which form separate phases when stored together in a container. Each phase comprises a gelling matrix for retaining the phases rheologically separate, which comprises 1 or more gelling agents (I), with 1 or more **neutralising** or pH adjusting agents (II). (I) is **carbomer**-940, -941, or -934, hydroxypropyl cellulose, hydroxypropyl guar, hydroxyethyl cellulose, carboxymethyl cellulose, hydroxypropylmethyl cellulose, acrylate/stearate-20 methacrylate copolymer, SiO₂, Na stearate, or petrolatum. (II) is triethanolamine, tetrahydroxypropyl ethylenediamine, aminomethylpropanol, or NaOH.

ADVANTAGE - The compsns. allow previously incompatible cpds. to be packaged in a single container and simultaneously dispensed in a pre-set metered ratio. In addn., the compsns. may have high viscosity, and provide phases which are miscible upon rubbing.

0/0
FS CPI
FA AB; DCN
MC CPI: A12-V04A; D08-B04; E10-B01D; E10-B03B; E10-C04L2; E31-P03; E33-A03

=> d his

(FILE 'HOME' ENTERED AT 10:49:35 ON 05 MAR 2003)
SET COST OFF

FILE 'REGISTRY' ENTERED AT 10:49:46 ON 05 MAR 2003

L1 13 S 67-56-1 OR 64-17-5 OR 71-23-8 OR 67-63-0 OR 62309-51-7 OR 352

FILE 'HCAPLUS' ENTERED AT 10:51:36 ON 05 MAR 2003

L2 266445 S L1
E ALCOHOL/CT
L3 6330 S E43,E45
L4 850 S E78,E80
L5 9904 S ALCOHOL#/CW (L) (ALIPH? OR C1 OR C2 OR C3 OR C4)
L6 404207 S METHANOL OR ETHANOL OR PROPANOL OR BUTANOL OR (METHYL OR ETHY
L7 1355 S ALCOHOL#/CW (L) LOWER
L8 662663 S MEOH OR ETOH OR PROH OR IPROH OR BUOH
L9 958839 S L2-L8

FILE 'REGISTRY' ENTERED AT 10:54:44 ON 05 MAR 2003

E CARBOMER/CN
L10 6 S E3-E8
L11 9 S E13-E18,E21,E22,E24
L12 10 S E25-E27,E29-E35
E CARBOMER
L13 8 S E3 NOT L10-L12
L14 25 S L10-L12

FILE 'HCAPLUS' ENTERED AT 10:56:09 ON 05 MAR 2003

L15 2312 S L14
L16 941 S CARBOMER
L17 3403 S CARBOPOL
L18 146 S L15 NOT L16,L17
E THICKENER/CT
E E5+ALL
L19 30 S E1
E E2+ALL
L20 8352 S E3+NT
E E8+ALL
L21 12401 S L15-L20
L22 1561 S L9 AND L21
L23 18288 S L9 AND THICK?
L24 18894 S L22,L23
L25 1370 S L24 AND NEUTRAL?
E NEUTRALIZER/CT

FILE 'REGISTRY' ENTERED AT 10:58:28 ON 05 MAR 2003

E SODIUM HYDROXIDE/CN
L26 1 S E3
E POTASSIUM HYDROXIDE/CN
L27 1 S E3
E AMMONIUM HYDROXIDE/CN
L28 1 S E3
E MAGNESIUM HYDROXIDE/CN
L29 1 S E3

FILE 'HCAPLUS' ENTERED AT 10:59:51 ON 05 MAR 2003

L30 96246 S L26-L29
 L31 535857 S NAOH OR KOH OR NH4OH OR MGOH2 OR (NA OR K OR NH4 OR MG OR SOD
 L32 3252 S L24 AND L30,L31
 L33 3894 S L25,L32
 E COSMETICS/CT
 L34 135 S E3-E61 AND L33
 E E3+ALL
 L35 203 S E2,E1+NT AND L33
 L36 37 S (E26 OR E30+NT) AND L33
 E E30+ALL
 E E14+ALL
 L37 28 S E4+NT AND L33
 L38 26 S (E34+NT OR E35+NT) AND L33
 E E33+ALL
 L39 44 S E3+NT AND L33
 L40 242 S L33 AND (PHARMACEUT? OR PHARMACOL?)/SC,SX,CW
 E WOUND/CT
 L41 3 S (E3+NT OR E4-E5 OR E6+NT OR E7,E8 OR E9+NT OR E10,E11) AND L3
 L42 0 S E21+NT AND L33
 L43 411 S L34-L41
 L44 43 S L43 AND (SANITIS? OR SANITIZ? OR DISINFECT? OR ANTISEPT? OR A
 E ALI Y/AU
 L45 62 S E3-E10,E27-E29
 E BARNHART R/AU
 L46 1 S E20
 E CLINE M/AU
 L47 67 S E3-E11,E30
 L48 10 S L45-L47 AND L9
 L49 0 S L48 AND L15-L25,L30-L33
 L50 21 S L45-L47 AND (COSMETIC# OR PHARMACEUT?)/SC,SX,CW,BI
 L51 2 S L45-L47 AND SKIN
 L52 21 S L50,L51
 E GOJO/PA,CS
 L53 29 S E3-E20
 L54 4 S L53 AND L9
 SEL DN AN 1 2
 L55 2 S E1-E6
 L56 1 S L55 AND L15-L25,L30-L44
 L57 2 S L55,L56
 L58 1549 S (L9 OR ALCOHOL OR ISOPROPANOL) AND L15-L18
 L59 403 S L58 AND L30,L31
 L60 159 S L59 AND SKIN
 L61 284 S L59 AND COSMETIC#/SC,SX,CW,BI
 L62 262 S COSMETICS+NT/CT AND L59
 L63 67 S SKIN, DISEASE+NT/CT AND L59
 L64 49 S SKIN+NT/CT AND L59
 L65 316 S L60-L64
 L66 47 S L65 AND (DISINFECT? OR ANTISEPT? OR SANITIS? OR SANITIZ? OR A
 L67 7 S L59 AND WOUND?
 L68 32 S L65 AND (WASH? OR DETERGENT? OR SOAP? OR SHAMPOO?)
 L69 64 S L66,L68
 L70 57 S L69 NOT (TEETH? OR TOOTH? OR DENTIFRICE OR MOUTHWASH?)
 L71 57 S L70 AND L9,L15-L25,L30-L70
 L72 42 S L71 NOT HAIR
 L73 15 S L71 NOT L72

FILE 'REGISTRY' ENTERED AT 11:52:58 ON 05 MAR 2003

L74 6 S 74-79-3 OR 157-06-2 OR 7200-25-1 OR 52-90-4 OR 921-01-7 OR 33
 L75 1 S THIAMINE/CN
 L76 1 S 70-16-6
 L77 2094 S (74-79-3 OR 157-06-2 OR 7200-25-1 OR 52-90-4 OR 921-01-7 OR 3

FILE 'HCAPLUS' ENTERED AT 11:54:10 ON 05 MAR 2003

L78 69889 S L74-L76
 L79 18120 S L77
 L80 61 S L78,L79 AND L24
 L81 40 S L80 AND (COSMETIC# OR PHARMACEUT? OR PHARMACOL? OR SKIN OR WO
 L82 22 S L80 AND COSMETICS+NT/CT
 L83 40 S L81,L82
 L84 21 S L80 NOT L83
 L85 95 S L83,L71-L73
 L86 97 S L57,L85
 L87 53 S L86 AND (DISINFECT? OR ANTISEPT? OR SANITIS? OR SANITIZ? OR A
 L88 44 S L86 NOT L87
 L89 3 S L87 AND HAIR/TI
 L90 8 S L87 AND HAIR?/CT
 SEL DN AN 1 6 L90
 L91 2 S L90 AND E7-E12
 L92 44 S L88 NOT L89-L91
 L93 12 S L92 AND HAIR?/TI
 L94 32 S L92 NOT L93
 L95 4 S L91,L57
 L96 20 S L89,L90,L93
 SEL DN AN 1 5 20
 L97 3 S L96 AND E13-E21
 L98 6 S L95,L97

FILE 'HCAPLUS' ENTERED AT 12:07:27 ON 05 MAR 2003

FILE 'WPIX' ENTERED AT 12:07:54 ON 05 MAR 2003

L99 44105 S ALCOHOL(L) (ALIPHAT? OR LOWER OR C1 OR C2 OR C3 OR C4)/BIX
 L100 142339 S L6/BIX OR L8/BIX OR ISOPROPANOL/BIX
 L101 9062 S (R00270 OR R00245 OR R00302 OR R00271 OR R00304 OR R00436 OR
 E BUTANOL/DCN
 E E5+ALL
 L102 12097 S (B10-E04 OR C10-E04 OR E10-E04)/MC
 L103 187566 S L99-L102
 L104 568 S CARBOMER/BIX
 E CARBOMER/DCN
 E CARBOMER/PLE
 L105 129 S L103 AND L104
 L106 675 S Q619/M0,M1,M2,M3,M4,M5,M6 AND L103
 L107 336 S A08-M06/MC AND L103
 L108 2133 S THICKEN?/BIX AND L103
 L109 3324 S L104-L108
 L110 83242 S L31/BIX
 L111 12304 S (ARGININE OR CYSTEINE OR THIAMIN#)/BIX
 E SODIUM HYDROXIDE/DCN
 L112 200092 S (0270 OR 0245 OR 0302 OR 0271 OR 0304 OR 0436 OR 0373)/DRN OR
 L113 3063 S L112 AND (CARBOMER/BIX OR Q619/M0,M1,M2,M3,M4,M5,M6 OR A08-M0
 L114 318 S L113 AND L110,L111
 E ARGININE/DCN
 E E3+ALL
 L115 2220 S E2 OR 1661/DRN
 E ARGININE/DCN
 E E6+ALL
 L116 367 S E2
 L117 231 S E4
 E ARGININE/DCN
 E E18+ALL
 L118 24 S E2
 L119 475 S E4
 E CYSTEINE/DCN
 E E3+ALL
 L120 1982 S E2 OR 1628/DRN
 L121 342 S E4

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      E CYSTEINE/DCN
      E E17+ALL
L122      34 S E2
L123      261 S E4
      E THIAMINE/DCN
      E E3+ALL
L124      1150 S E2 OR 0185/DRN
L125      286 S E4
L126      28 S E6
L127      19 S E8
L128      15 S E10
L129      102 S E12
L130      107 S E14
L131      9 S E16
L132      18 S L113 AND L115-L131
L133      323 S L114,L132
      E SODIUM HYDROXIDE/DCN
      E E3+ALL
L134      26410 S E2 OR 1514/DRN
      E POTASSIUM HYDROXIDE/DCN
      E E3+ALL
L135      11034 S E2 OR 1512/DRN
      E AMMONIUM HYDROXIDE/DCN
      E E3+ALL
L136      5002 S E2 OR 1534/DRN
      E MAGNESIUM HYDROXIDE/DCN
      E E3+ALL
L137      5364 S E2 OR 1509/DRN
L138      145 S L113 AND L134-L137
L139      301 S L113 AND NEUTRAL?/BIX
L140      599 S L133,L138,L139
      E A61K007/IC,ICM,ICS
L141      164 S L140 AND A61K007/IC,ICM,ICS,ICA,ICI
L142      56 S L140 AND (P940 OR P941 OR P942 OR P943 OR Q262)/M0,M1,M2,M3,M
L143      161 S L140 AND (D08-B OR D08-B09 OR D08-B09A? OR A12-V04 OR A12-V04
L144      224 S L141-L143
L145      21 S L140 AND A61P017/IC,ICM,ICS,ICA,ICI
L146      224 S L144,L145
L147      21 S L146 AND (P200 OR P210 OR P220 OR P23? OR P24? OR P31? OR P32
L148      20 S L146 AND (B12-A? OR C12-A? OR B12-B? OR C12-B? OR B14-A? OR C
L149      30 S L147,L148
L150      16 S L149 NOT (STEROID OR NEMO OR ZINC OR PULSE OR LICE OR DYEING
L151      9 S L150 NOT (CORTICOSTEROID OR KETOTIFEN OR CLINDAMYCIN OR GUANI
L152      5 S L151 NOT (PAPER OR ANTIHISTAMINIC OR DICLOFENAC OR GLYCYRRHET
L153      5 S L146 AND (P940 OR P941)/M0,M1,M2,M3,M4,M5,M6
L154      4 S L153 NOT L149
L155      0 S L146 AND GUJQ?/PA
L156      0 S L146 AND (ALI Y? OR BARNHART ? OR CLINE M?)/AU

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FILE 'WPIX' ENTERED AT 12:38:54 ON 05 MAR 2003

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L157      109 S L146 AND (ETHANOL OR ETHYLALCOHOL OR ETHYL ALCOHOL OR ETOH)/B
L158      39 S L146 AND (0245/DRN OR R00245/DCN)
L159      119 S L157,L158
L160      29 S L159 AND CARBOMER?/BIX
      SEL DN AN 6 10 29
L161      3 S L160 AND E1-E6
L162      2 S L161 NOT L152

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L3 ANSWER 6 OF 16 CAPLUS COPYRIGHT 2003 ACS on STN
 IT 57-55-6D, Propylene glycol, long-chain **aliph.**
alc. ethers 136904-11-5, Unithox 750
 RL: TEM (Technical or engineered material use); USES (Uses)
 (aq. dispersions and their manuf. by emulsion polymn. for coatings and
 inks)

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002256009	A2	20020911	JP 2001-59581	20010305

L3 ANSWER 7 OF 16 CAPLUS COPYRIGHT 2003 ACS on STN
 IT 57-55-6, Propylene glycol, biological studies 145-42-6, Sodium
 taurocholate 302-95-4, Sodium deoxycholate 361-09-1, Sodium cholate
 863-57-0, Sodium glycocholate 2898-95-5, Sodium ursodeoxycholate
 25322-68-3, Polyethylene glycol
 RL: BPR (Biological process); BSU (Biological study, unclassified); THU
 (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)
 (use of **aliph. alcs.** and surfactants as permeation
 enhancers for transnasal anticonvulsive compns.)

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001006987	A2	20010201	WO 2000-US20119	20000724
	WO 2001006987	A3	20020124		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	AU 2000061185	A5	20010213	AU 2000-61185	20000724
	EP 1196156	A2	20020417	EP 2000-947610	20000724
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
	JP 2003505403	T2	20030212	JP 2001-511879	20000724
	US 6627211	B1	20030930	US 2000-624305	20000724

L3 ANSWER 8 OF 16 CAPLUS COPYRIGHT 2003 ACS on STN
 IT 57-55-6, 1,2-Propylene glycol, uses 64-17-5, Ethanol, uses
 67-63-0, Isopropanol, uses 107-21-1, Ethylene glycol, uses
 RL: TEM (Technical or engineered material use); USES (Uses)
 (automotive and aircraft windshield deicing compn. contg. glycols,
aliph. alcs. and sugars)

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19913837	A1	20000928	DE 1999-19913837	19990326
	JP 2001040336	A2	20010213	JP 1999-196858	19990712

L3 ANSWER 9 OF 16 CAPLUS COPYRIGHT 2003 ACS on STN
 IT 56-81-5, Glycerine, analysis 57-55-6, Propyleneglycol, analysis
 67-56-1, Methanol, analysis 67-63-0, Isopropanol, analysis 71-23-8,
 Propanol, analysis 71-36-3, Butanol, analysis 71-41-0, Pentanol,
 analysis 75-65-0, tert-Butanol, analysis 75-85-4, tert-Pentanol
 78-83-1, Isobutanol, analysis 78-92-2, sec-Butanol 107-21-1,
 Ethyleneglycol, analysis 111-27-3, Hexanol, analysis 111-46-6,
 Diethyleneglycol, analysis 111-70-6, 1-Heptanol 111-87-5, Octanol,
 analysis 112-27-6, Triethyleneglycol 112-60-7, Tetraethyleneglycol
 123-51-3, Isopentanol 6032-29-7, sec-Pentanol
 RL: AMX (Analytical matrix); ANST (Analytical study)
 (ion chromatog. and distribution patterns of electrolyte impurities in
aliph. alcs.)

L3 ANSWER 10 OF 16 CAPLUS COPYRIGHT 2003 ACS on STN
IT 56-81-5, Glycerol, uses 57-55-6, Propylene glycol, uses
64-17-5, Ethanol, uses 67-56-1, Methanol, uses 107-21-1, Ethylene
glycol, uses 629-11-8, Hexamethylene glycol
RL: MOA (Modifier or additive use); USES (Uses)

(metal chloride solns. contg. polyhydric alcs. and **aliph.**
alcs. and their stabilization for storage stability and high
concn.)

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 07315803	A2	19951205	JP 1994-112607	19940526

L3 ANSWER 11 OF 16 CAPLUS COPYRIGHT 2003 ACS on STN
IT 50-70-4, D-Sorbitol, biological studies 56-81-5, 1,2,3-Propanetriol,
biological studies 57-55-6, 1,2-Propanediol, biological studies
58-08-2, Caffeine, biological studies 64-17-5, Ethanol, biological
studies 67-63-0, 2-Propanol, biological studies 71-23-8, 1-Propanol,
biological studies 71-36-3, Butanol, biological studies 71-41-0,
1-Pentanol, biological studies 81-07-2, Saccharin 98-92-0,
Nicotinamide 107-21-1, 1,2-Ethanediol, biological studies 111-27-3,
Hexanol, biological studies 121-33-5, Vanillin 123-51-3,
3-Methyl-1-butanol 928-96-1 9004-32-4 9007-27-6, Chondroitin
RL: BAC (Biological activity or effector, except adverse); BSU (Biological
study, unclassified); BIOL (Biological study)
(**aliph. alcs.** and food additives effect on
nicotinic acetylcholine receptors)

SUMM Prepare a 4% solution of **sodium hydroxide** in water. Heat the purified water to 60.degree. C. Add **carbomer 940** and mix at high speed until dispersed. Cool the above mixture to room temperature and slowly charge **sodium hydroxide** solution until uniform. Add 80% of **isopropyl alcohol** to the above with mixing. Dissolve the active compound in remaining **isopropyl alcohol**. Add this to the mixture with stirring. Adjust pH to 5.0 to 5.5 with **sodium hydroxide**, if necessary.

CLM What is claimed is:
5. A method of treating hyperproliferative **skin** disease in a mammal comprising administering to said mammal an antihyperproliferative effective amount of a compound of claim 3.

6. A method of treating hyperproliferative **skin** disease in a mammal comprising administering to said mammal an antihyperproliferative effective amount of a compound of claim 4.

PI US 5563292 19961008

(op blet #)

L1 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1999:21578 CAPLUS
DN 130:85916
ED Entered STN: 12 Jan 1999
TI Shave gel compositions containing long-chain carboxylic acid amine salts
IN Dehan, Louis; Juprelle, Didier
PA Colgate-Palmolive Co., USA
SO U.S., 4 pp.
CODEN: USXXAM
DT Patent
LA English
IC ICM A61K007-15
NCL 424073000
CC 62-4 (Essential Oils and Cosmetics)
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5853710	A	19981229	US 1997-938303	19970926
	CA 2304953	AA	19990408	CA 1998-2304953	19980916
	WO 9916413	A1	19990408	WO 1998-US19341	19980916
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	AU 9893939	A1	19990423	AU 1998-93939	19980916
	AU 734898	B2	20010628		
	EP 1017360	A1	20000712	EP 1998-947071	19980916
	EP 1017360	B1	20011205		
	R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, NL, SE, PT, FI, RO				
	BR 9812835	A	20000808	BR 1998-12835	19980916
	AT 209892	E	20011215	AT 1998-947071	19980916
	PT 1017360	T	20020531	PT 1998-98947071	19980916
	NZ 503518	A	20021220	NZ 1998-503518	19980916
	CZ 292132	B6	20030813	CZ 2000-1080	19980916
	RU 2211023	C2	20030827	RU 2000-110621	19980916
	NO 2000001521	A	20000523	NO 2000-1521	20000323
PRAI	US 1997-938303	A	19970926		
	WO 1998-US19341	W	19980916		

AB A nonaerosol shave gel compn. comprises (a) 12-30 % of amine salts of a mixt. of lauric acid, myristic acid, and palmitic acid wherein the wt. ratio of the myristic acid to the lauric acid and palmitic acid is resp. (2.5-3.75):1:1, (b) 1-3 % of a sugar ester of a C8-18-alkyl carboxylic acid, (c) 2-4 % of an ethoxylated **emollient**, **slip** agent, (d) 1-2 % of an ethoxylated alkyl glycoside ester of a diacid having a C8-18-alkyl group, and (e) 0.3-0.9 % of a cellulosic gelation agent. A shaving gel contained stearic acid 2.25, palmitic acid 2.25, myristic acid 8.0, lauric acid 3.0, sucrose cocoate 2, PEG 75 lanolin 3, PEG-14 M 0.15, PEG-120 Me glycoside dioleate 1.87, hydroxyethyl cellulose 0.5, **glycerin** 6, triethanolamine 10.2, fragrances 0.6, dyes 0.0005, and water to 100 %. The gel showed excellent skin feel attributes with good lather.

ST shave gel carboxylate amine salt sugar ester **emollient**

IT Fatty acids, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(C8-18, salts with amines; shave gel compns. contg. long-chain carboxylic acid amine salts and **emollients**)

IT Fatty acids, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES

(Uses)

(coco, esters with sucrose; shave gel compns. contg. long-chain carboxylic acid amine salts and **emollients**)

IT Lanolin

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES

(Uses)

(ethoxylated; shave gel compns. contg. long-chain carboxylic acid amine salts and **emollients**)

IT Shaving preparations

(nonaerosol gels; shave gel compns. contg. long-chain carboxylic acid amine salts and **emollients**)

IT 56-81-5, **Glycerin**, biological studies 57-50-1D, Sucrose, esters with coco fatty acids 2224-49-9, Lauric acid triethanolamine salt 3149-68-6D, Methyl glucoside, esters with polyoxyethylene dioleate 4568-28-9, Stearic acid triethanolamine salt 9004-62-0, Hydroxyethyl cellulose 9005-07-6D, Polyoxyethylene dioleate, esters with methylglucose 41669-40-3, Myristic acid triethanolamine salt 49719-60-0, Palmitic acid triethanolamine salt

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES

(Uses)

(shave gel compns. contg. long-chain carboxylic acid amine salts and **emollients**)

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD

RE

(1) Anon; WO 9422415 1994 CAPLUS